abcam

# ab315106

# Anti-Somatostatin 28 antibody [RM1087]

Recombinant | RabMAb | Advanced Validation | KO Validated | 20ul selling size

## Key facts

| | |
|---|---|
| **Isotype** | IgG |
| **Host species** | Rabbit |
| **Storage buffer** | pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| **Form** | Liquid |
| **Clonality** | Multiclonal |
| **Immunogens** | The exact immunogen used to generate this antibody is proprietary information. |
| **Clone number** | RM1087 |
| **Purification technique** | Affinity purification Protein A |
| **Concentration** | 0.515 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |

## Reactivity data

## IHC-P

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/5000 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Rat |

| | |
|---|---|
| **Dilution info** | 1/5000 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Transfected cell line |
| **Dilution info** | 1/5000 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1/5000 |
| **Notes** | - |

## IHC-Fr

### Tested

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1/500 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Rat |
| **Dilution info** | 1/500 |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Transfected cell line |
| **Dilution info** | - |
| **Notes** | - |

## ICC/IF

### Tested

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1/100 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Rat |
| **Dilution info** | 1/100 |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Transfected cell line |
| **Dilution info** | - |
| **Notes** | - |

## mIHC

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/7500 |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Rat, Mouse |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Transfected cell line |
| **Dilution info** | - |
| **Notes** | - |

## Flow Cyt (Intra)

### Tested

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1/50 |
| **Notes** | - |

| | |
|---|---|
| **Species** | Rat |
| **Dilution info** | 1/50 |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Transfected cell line |
| **Dilution info** | - |
| **Notes** | - |

## WB

### Not recommended

| | |
|---|---|
| **Species** | Human, Mouse, Rat, Transfected cell line |
| **Dilution info** | - |

| | |
|---|---|
| **Notes** | - |

## Target data

See full target information Somatostatin 28

| | |
|---|---|
| **Function** | Somatostatin-14. Inhibits the secretion of pituitary hormones, including that of growth hormone/somatotropin (GH1), PRL, ACTH, luteinizing hormone (LH) and TSH. Also impairs ghrelin- and GnRH-stimulated secretion of GH1 and LH; the inhibition of ghrelin-stimulated secretion of GH1 can be further increased by neuronostatin. Neuronostatin. May enhance low-glucose-induced glucagon release by pancreatic alpha cells (By similarity). This effect may be mediated by binding to GPR107 and PKA activation (By similarity). May regulate cardiac contractile function (By similarity). May compromise cardiomyocyte viability (By similarity). In the central nervous system, may impair memory retention and may affect hippocampal excitability (By similarity). May also have anxiolytic and anorexigenic effects (By similarity). May play a role in arterial pressure regulation (By similarity). May inhibit basal, but not ghrelin- or GnRH-stimulated secretion of GH1 or LH, but does not affect the release of other pituitary hormones, including PRL, ACTH, FSH or TSH. Potentiates inhibitory action of somatostatin on ghrelin-stimulated secretion of GH1, but not that on GnRH-stimulated secretion of LH (PubMed:29615476). |

## Storage

| | |
|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage duration** | 1-2 weeks |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | -20°C |
| **Aliquoting information** | Upon delivery aliquot |
| **Storage information** | Avoid freeze / thaw cycle |

## Notes

**What are recombinant multiclonals?**
Recombinant multiclonals are a mixture of recombinant antibodies co-expressed from a library of heavy and light chains. They offer several advantages including:

- The sensitivity of polyclonal antibodies by recognising multiple epitopes

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

View our range of recombinant multiclonal antibodies.

**Patented technology**
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

## Supplementary info

This supplementary information is collated from multiple sources and compiled automatically.

| | |
|---|---|
| **Activity summary** | Somatostatin 28 also known as SST-28 is a biologically active peptide that functions as a hormone. It is an alternate form of somatostatin the other being somatostatin-14. Somatostatin 28 is characterized by its longer peptide chain with a molecular mass of approximately 3.2 kDa. This peptide is expressed mainly in the central nervous system particularly in the hypothalamus and in the gastrointestinal tract. Its synthesis involves specific posttranslational processing steps and it acts in various cellular locations performing regulatory roles in endocrine and exocrine systems. |
| **Biological function summary** | Somatostatin 28 plays an important role in inhibiting the release of certain hormones and neurotransmitters. It exerts its effects by binding to specific somatostatin receptors which are part of a family of G-protein-coupled receptors. These receptors when activated by somatostatin 28 can inhibit adenylyl cyclase activity reducing cyclic AMP levels and therefore suppressing hormone secretion. While somatostatin 28 does not form part of a large multi-protein complex it acts collaboratively with related peptides and receptors to modulate neuronal and digestive functions. |
| **Pathways** | Somatostatin 28 participates centrally in the regulation of the endocrine signaling pathways notably influencing the growth hormone inhibitory pathway. This pathway involves interconnected proteins such as growth hormone-releasing hormone (GHRH) which somatostatin 28 suppresses. Additionally the peptide plays a role in modulating the insulin signaling pathway where it inhibits the secretion of insulin. These pathways highlight somatostatin 28's regulatory influence on metabolism and cellular growth by interacting with other proteins like insulin and GHRH. |
| **Associated diseases and disorders** | Somatostatin 28 is implicated in conditions such as acromegaly and certain types of diabetes. In acromegaly excessive growth hormone production often due to pituitary adenomas is counteracted by somatostatin 28's inhibitory effects. The peptide's interaction with the receptor-bound growth hormone contributes to potential therapeutic approaches to managing this disorder. In diabetes specifically type 2 somatostatin 28's role in inhibiting insulin release provides insight into its involvement in glucose metabolism dysregulation. Understanding these connections highlights the importance of somatostatin 28 and related proteins like insulin in the pathophysiology of metabolic diseases. |

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

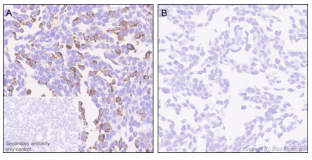
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

## 18 product images



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

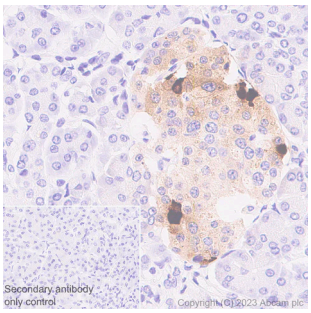
Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Somatostatin 28 antibody

Immunohistochemical analysis of paraffin-embedded (A) HEK-293T (human embryonic kidney epithelial cell) transfected with a SST expression vector containing a EGFP tag. (B) HEK-293T transfected with empty vector containing a EGFP tag. tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on (A) HEK-293T transfected with a SST expression vector containing a EGFP tag. No staining on (B) HEK-293T transfected with empty vector containing a EGFP tag. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



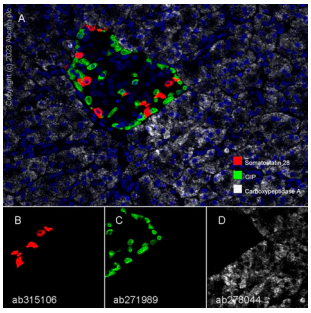

## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on human pancreatic islet. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.




## Multiplex immunohistochemistry - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human pancreas labelling Somatostatin 28 with ab315106 at 1/7500 dilution (0.069 µg/ml) (B), GIP with ab271989 at 1/4000 dilution (0.27 µg/ml) (C) and Carboxypeptidase A with ab278044 at 1/4000 dilution (0.135 µg/ml) (D). Opal Polymer HRP Ms + Rb was used as a secondary antibody, and DAPI was used for a nuclear counter stain.

Panel A: merged staining of anti-Carboxypeptidase A (gray; Opal™690), anti-GIP (green; Opal™520) and anti-Somatostatin 28 (red; Opal™570) on human pancreas.

Panel B: anti-Somatostatin 28 stained on delta cells.

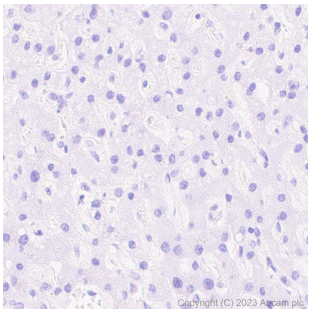
Panel C: anti-GIP stained on alpha cells.

Panel D: anti-Carboxypeptidase A stained on acinar cells.

The section was incubated in three rounds of staining: in the order of ab278044, ab271989, and ab315106 for 30 mins at room temperature. Each round was followed by a separate fluorescent tyramide signal amplification system.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument with an Opal™ 4-color kit. Image acquisition was performed with Leica SP8 confocal microscope.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.




## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human liver using rabbit Anti-Somatostatin 28 antibody

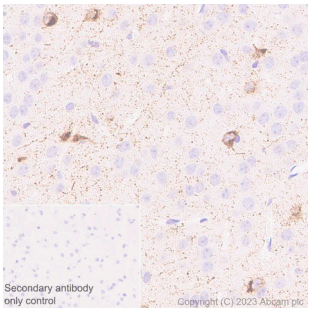
Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™

Polymer Refine Detection).

Negative control: no staining on human liver. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



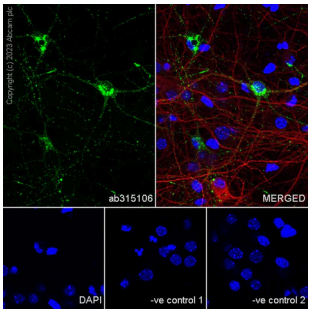

## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemical analysis of paraffin-embedded Mouse cerebrum tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse cerebrum. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



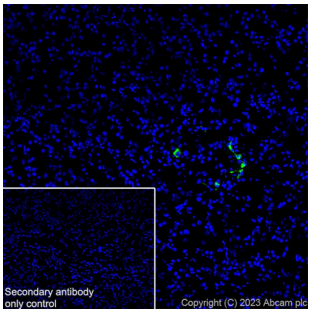

## Immunocytochemistry/ Immunofluorescence - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Mouse cortex primary neuron cells labelling Somatostatin 28 with ab315106 at 1/100 (5.15 ug/ml) dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2 ug/mL) dilution (Green).

Confocal image showing cytoplasmic staining in mouse cortex primary neuron cell line. Image was taken with a confocal microscope(Leica-Microsystems, TCS SP8).

ab11267 Anti-MAP2 mouse monoclonal antibody was used to counterstain at 1/500 (4 ug/mL) dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution.

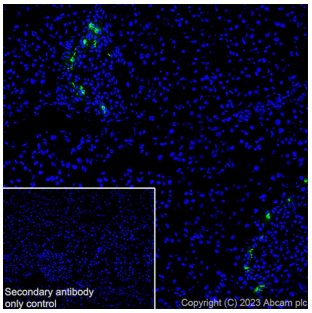



## Immunohistochemistry (Frozen sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat pancreas (fresh) tissue labeling Somatostatin 28 with ab315106 at 1/500 (1.03 ug/ml) dilution followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution (Green).

Confocal image showing positive staining on rat pancreatic islet The nuclear counterstain was DAPI (Blue). The section was incubated with ab315106 for 60 mins at room temperature. The section was then mounted using Fluoromount®. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution.

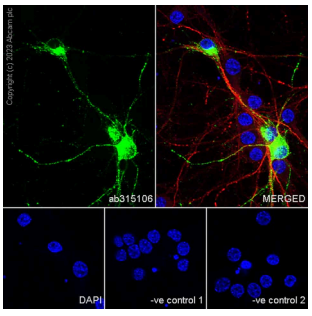



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Confocal image showing positive staining on mouse pancreatic islet. The nuclear counterstain was DAPI (Blue). The section was incubated with ab315106 for 60 mins at room temperature. The section was then mounted using Fluoromount®. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8). The nuclear counterstain was DAPI (Blue).

Secondary antibody control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution.



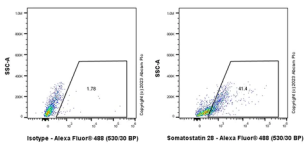

## Immunocytochemistry/ Immunofluorescence - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized Rat cortex primary neuron cells labelling Somatostatin 28 with ab315106 at 1/100 (5.15 ug/ml) dilution, followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2 ug/mL) dilution (Green).

Confocal image showing cytoplasmic staining in rat cortex primary neuron cell line. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

ab11267 Anti-MAP2 mouse monoclonal antibody was used to counterstain at 1/500 (4 ug/mL) dilution (Red). The Nuclear counterstain was DAPI (Blue).

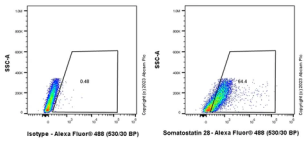
Secondary antibody only control: Secondary antibody is ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution.



## Flow Cytometry (Intracellular) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Rat cortex primary neuron cells labelling Somatostatin 28 with ab315106 at 1/50 dilution (1 ug)/Right compared with a Rabbit monoclonal IgG (ab172730) / Left isotype control.

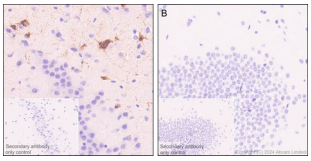
Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



## Flow Cytometry (Intracellular) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Mouse cortex primary neuron cells labelling Somatostatin 28 with ab315106 at 1/50 dilution (1 ug, Right) compared with a Rabbit monoclonal IgG (ab172730, Left) isotype control .

Goat Anti-Rabbit IgG (Alexa Fluor® 488, ab150081) at 1/5000 dilution was used as the secondary antibody.



## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Somatostatin 28 antibody

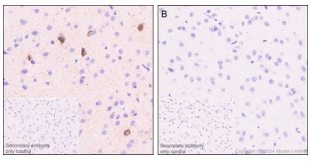
Immunohistochemical analysis of paraffin-embedded (A) Hippocampus tissue from wild-type C57BL/6JGpt mice and (B) Hippocampus tissue from SST knockout mice tissue labeling Somatostatin 28 with ab315106 at 1/5000 dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on (A) Hippocampus tissue from wild-type C57BL/6JGpt mice and no staining on (B) Hippocampus tissue from SST knockout mice.
The section was incubated with ab315106 for 30 mins at room temperature.
The immunostaining was performed on a Leica Biosystems BOND® RX instrument.
The tissue samples were kindly provided by GemPharmatech. C57BL/6JGpt wildtype mice and SST-KO homozygous mice (Strain ID: T014160).

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

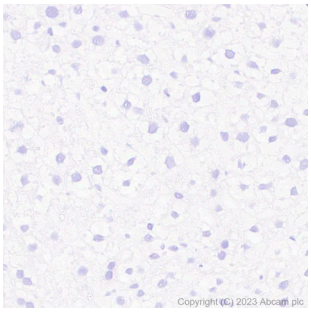
Immunohistochemical analysis of paraffin-embedded (A) Brain tissue from wild-type C57BL/6JGpt mice and (B) Brain tissue from SST knockout mice tissue labeling Somatostatin 28 with ab315106 at 1/5000 dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on (A) Brain tissue from wild-type C57BL/6JGpt mice and no staining on (B) Brain tissue from SST knockout mice.
The section was incubated with ab315106 for 30 mins at room temperature.
The immunostaining was performed on a Leica Biosystems BOND® RX instrument.
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## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

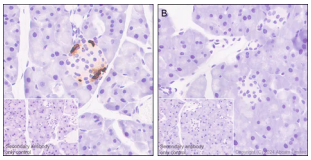
Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat liver using rabbit Anti-Somatostatin 28 antibody

Immunohistochemical analysis of paraffin-embedded Rat liver tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on rat liver. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

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Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Somatostatin 28 antibody

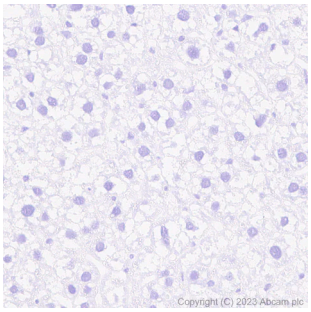
Immunohistochemical analysis of paraffin-embedded (A) Pancreas tissue from wild-type C57BL/6JGpt mice and (B) Pancreas tissue from SST knockout mice tissue labeling Somatostatin 28 with ab315106 at 1/5000 dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on (A) Pancreas tissue from wild-type C57BL/6JGpt mice and no staining on (B) Pancreas tissue from SST knockout mice.
The section was incubated with ab315106 for 30 mins at room temperature.
The immunostaining was performed on a Leica Biosystems BOND® RX instrument.
The tissue samples were kindly provided by GemPharmatech. C57BL/6JGpt wildtype mice and SST-KO homozygous mice (Strain ID: T014160).

Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins




## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

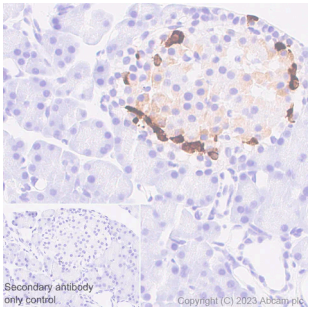
Somatostatin 28 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse liver using rabbit Anti-Somatostatin 28 antibody

Immunohistochemical analysis of paraffin-embedded Mouse liver tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on mouse liver. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.



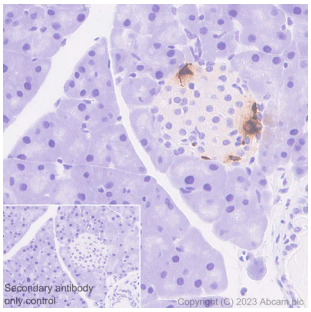

## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemical analysis of paraffin-embedded Rat pancreas tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on rat pancreatic islet. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.




## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Somatostatin 28 antibody [RM1087] (ab315106)

Immunohistochemical analysis of paraffin-embedded Mouse pancreas tissue labeling Somatostatin 28 with ab315106 at 1/5000 (0.103 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse pancreatic islet. The section was incubated with ab315106 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 20 mins.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.