abcam

ab315252

Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker

Recombinant | RabMAb | 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	RM1085
Purification technique	Affinity purification Protein A
Concentration	0.511 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human
Dilution info	1/1000
Notes	-

Species	Mouse
Dilution info	1/1000
Notes	-

Species	Rat
Dilution info	1/1000 - 1/5000
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/5000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Mouse
Dilution info	1/5000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Rat
Dilution info	1/5000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

IP

Tested

Species	Human
Dilution info	1/30
Notes	-

Species	Mouse
Dilution info	1/30

Notes	-

Species	Rat
Dilution info	1/30
Notes	-

IHC-Fr

Tested

Species	Rat
Dilution info	1/50
Notes	-

Expected

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

Not recommended

Species	Mouse
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Rat
Dilution info	1/100
Notes	-

Expected

Species	Mouse

Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Human
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Rat
Dilution info	1/5000
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Human
Dilution info	-
Notes	-

Target data

See full target information TH

Function	Catalyzes the conversion of L-tyrosine to L-dihydroxyphenylalanine (L-Dopa), the rate-limiting step in the biosynthesis of catecholamines, dopamine, noradrenaline, and adrenaline. Uses tetrahydrobiopterin and molecular oxygen to convert tyrosine to L-Dopa (PubMed:15287903, PubMed:1680128, PubMed:17391063, PubMed:24753243, PubMed:34922205, PubMed:8528210, Ref.18). In addition to

tyrosine, is able to catalyze the hydroxylation of phenylalanine and tryptophan with lower specificity (By similarity). Positively regulates the regression of retinal hyaloid vessels during postnatal development (By similarity). Isoform 5. Lacks catalytic activity. Isoform 6. Lacks catalytic activity.

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.

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.

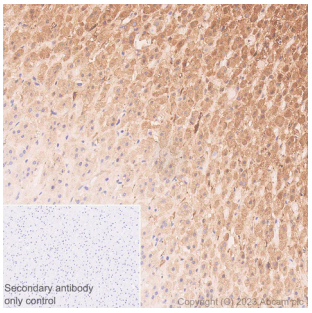
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

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19 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

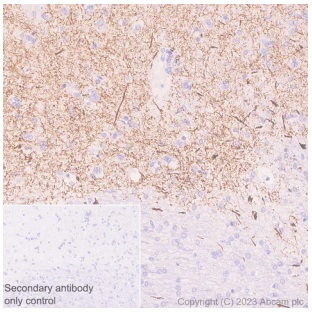
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human adrenal gland using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Human adrenal gland tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on human adrenal gland. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

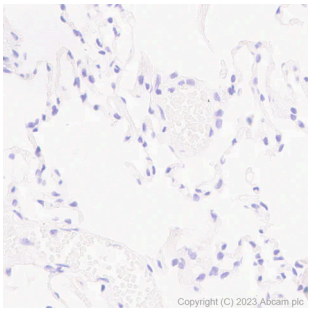
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human striatum using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Human striatum tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on human striatum. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

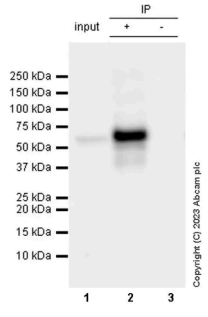
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human lung using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Human lung tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on human lung. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase was immunoprecipitated from 0.35 mg Human adrenal grand tissue lysate with ab315252 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab315252 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (ab131366) was used at 1/5000 dilution.

Lane 1: Human adrenal grand tissue lysate

Lane 2: ab315252 IP in Human adrenal grand tissue lysate

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab315252 in human adrenal grand tissue lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

All lanes:
Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/30 dilution

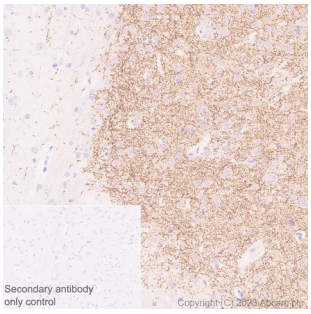
All lanes:

Human adrenal grand tissue lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Exposure time: 3s



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

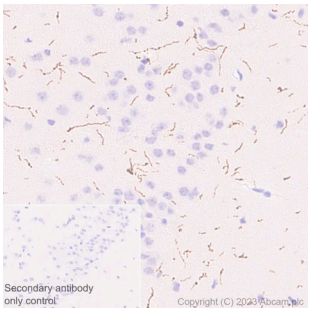
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat striatum using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Rat striatum tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on rat striatum. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

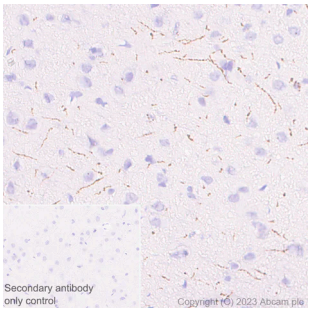
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse cerebrum using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Mouse cerebrum tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse cerebrum. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

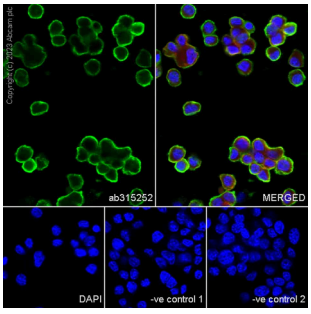
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat cerebrum using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Rat cerebrum tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on rat cerebrum. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunocytochemistry/ Immunofluorescence - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

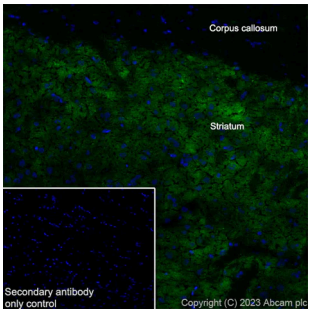
Tyrosine Hydroxylase Immunocytochemistry/ Immunofluorescence staining of PC-12 (rat adrenal gland pheochromocytoma cell) using rabbit Anti-Tyrosine Hydroxylase antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized PC-12 (rat adrenal gland pheochromocytoma cell) cells labelling Tyrosine Hydroxylase with ab315252 at 1/100 (4.68 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 PC-12 cell line. Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

ab7291 Anti-alpha Tubulin mouse monoclonal antibody was used to counterstain tubulin at 1/1000 (1 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-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

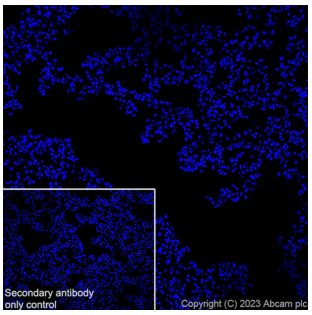
Tyrosine Hydroxylase Immunohistochemistry (Frozen sections) staining of Rat striatum (fresh) using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat striatum (fresh) tissue labeling Tyrosine Hydroxylase with ab315252 at 1/50 (9.36 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 striatum. The nuclear counterstain was DAPI (Blue). The section was incubated with ab315252 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.



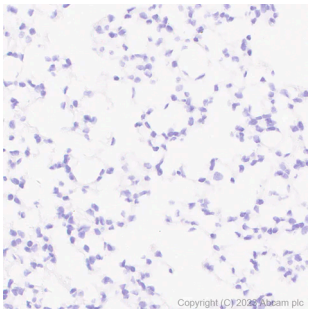
Immunohistochemistry (Frozen sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase Immunohistochemistry (Frozen sections) staining of Rat lung (fresh) using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of 4% PFA-fixed, 0.2% Triton X-100 permeabilized frozen Rat lung (fresh) tissue labeling Tyrosine Hydroxylase with ab315252 at 1/50 (9.36 ug/ml) dilution followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 ug/mL) dilution (Green).

Negative control: Confocal image showing no staining on rat lung. The nuclear counterstain was DAPI (Blue). The section was incubated with ab315252 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

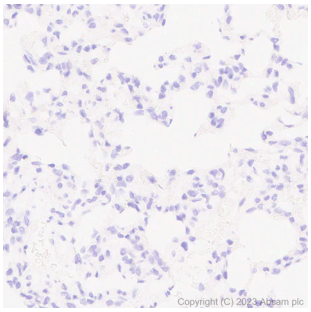
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse lung using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Mouse lung tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on mouse lung. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

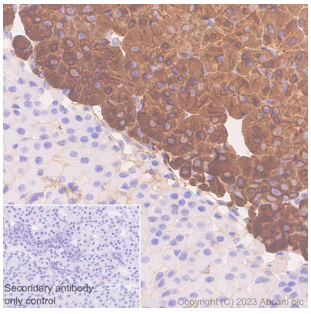
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Rat lung using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Rat lung tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: no staining on rat lung. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

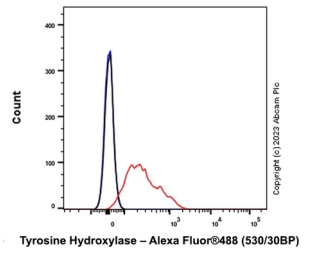
Tyrosine Hydroxylase Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Mouse adrenal gland using rabbit Anti-Tyrosine Hydroxylase antibody

Immunohistochemical analysis of paraffin-embedded Mouse adrenal gland tissue labeling Tyrosine Hydroxylase with ab315252 at 1/5000 (0.094 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Positive staining on mouse adrenal gland. The section was incubated with ab315252 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 Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.

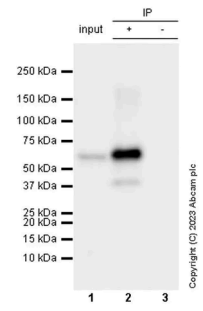


Flow Cytometry (Intracellular) - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase Flow Cytometry (Intracellular) staining of PC-12 (rat adrenal gland pheochromocytoma cell) using rabbit Anti-Tyrosine Hydroxylase antibody

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized PC-12 (rat adrenal gland pheochromocytoma cell) cells labelling Tyrosine Hydroxylase with ab315252 at 1/5000 dilution (0.01 ug)/Red compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue).

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



Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase was immunoprecipitated from 0.35 mg Rat adrenal grand tissue lysate with ab315252 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab315252 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (ab131366) was used at 1/5000 dilution.

Lane 1: Rat adrenal grand tissue lysate

Lane 2: ab315252 IP in Rat adrenal grand tissue lysate

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab315252 in rat adrenal grand tissue lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

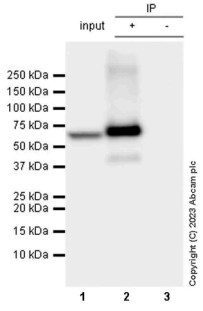
All lanes:
Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/30 dilution

All lanes:
Rat adrenal grand tissue lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Exposure time: 3s



Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase was immunoprecipitated from 0.35 mg Mouse adrenal grand tissue lysate with ab315252 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab315252 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (ab131366) was used at 1/5000 dilution.

Lane 1: Mouse adrenal grand tissue lysate

Lane 2: ab315252 IP in Mouse adrenal grand tissue lysate

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab315252 in mouse adrenal grand tissue lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

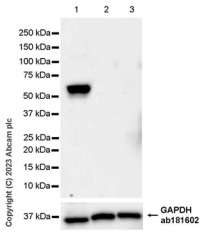
All lanes:
Immunoprecipitation - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/30 dilution

All lanes:
Mouse adrenal grand tissue lysate

Secondary

All lanes:
Immunoprecipitation - VeriBlot for IP Detection Reagent (HRP) (ab131366) at 1/5000 dilution

Exposure time: 3s



Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase Western blot staining using rabbit Anti-Tyrosine Hydroxylase antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: liver and lung.

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) staining at 1/200000 dilution.

All lanes:
Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/1000 dilution

Lane 1:
Human adrenal grand tissue lysate at 20 µg

Lane 2:
Human liver tissue lysate at 20 µg

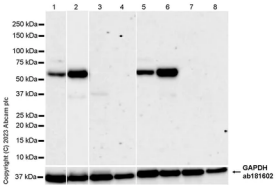
Lane 3:
Human lung tissue lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 58 kDa, 36 kDa

Exposure time: 48s



Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase Western blot staining using rabbit Anti-Tyrosine Hydroxylase antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: liver and lung.

In Western blot, Anti-GAPDH antibody [EPR16891] - Loading Control (ab181602) staining at 1/200000 dilution.

Exposure time: Lanes 1 and 3-9: 180 seconds; Lane 2: 59 seconds

All lanes:
Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/1000 dilution

Lane 1:

Mouse brain tissue lysate at 20 µg

Lane 2:
Mouse adrenal grand tissue lysate at 20 µg

Lane 3:
Mouse liver tissue lysate at 20 µg

Lane 4:
Mouse lung tissue lysate at 20 µg

Lane 5:
Rat brain tissue lysate at 20 µg

Lane 6:
Rat adrenal grand tissue lysate at 20 µg

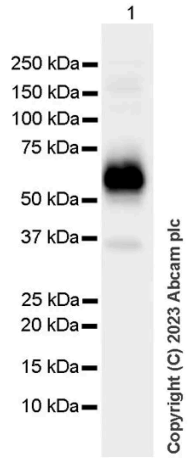
Lane 7:
Rat liver tissue lysate at 20 µg

Lane 8:
Rat lung tissue lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 58 kDa, 36 kDa



Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252)

Tyrosine Hydroxylase Western blot staining of PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate using rabbit Anti-Tyrosine Hydroxylase antibody

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

All lanes:
Western blot - Anti-Tyrosine Hydroxylase antibody [RM1085] - Neuronal Marker (ab315252) at 1/5000 dilution

All lanes:
PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate at 10 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

Observed band size: 58 kDa

Exposure time: 4s

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