abcam

ab316121

Anti-Tau - C-terminal antibody [EPR28785-33]

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	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR28785-33
Purification technique	Affinity purification Protein A
Concentration	0.489 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IP

Tested

Species	Human
Dilution info	-
Notes	-

Expected

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

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	1/1000
Notes	-

Species	Mouse
Dilution info	1/1000
Notes	-

Species	Rat
Dilution info	1/1000
Notes	-

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/4000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Mouse
Dilution info	1/4000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Species	Rat
Dilution info	1/4000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

ICC/IF

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	Recombinant fragment - Human
Dilution info	-
Notes	-

I-ELISA

Tested

Species	Recombinant fragment - Human
Dilution info	1000 ng/mL
Notes	-

Expected

Species	Human, Mouse, Rat
Dilution info	Use at an assay dependent concentration.
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	Recombinant fragment - Human
Dilution info	-
Notes	-

Target data

See full target information MAPT

Function	Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity (PubMed:21985311). The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both (PubMed:21985311, PubMed:32961270). Axonal polarity is predetermined by TAU/MAPT localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.

Storage

Shipped at conditions	Conditional Ambient
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

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.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

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

For more information, read more on recombinant antibodies.

Supplementary info

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

Activity summary	Tau also known as microtubule-associated protein Tau (MAPT) plays an important role in stabilizing microtubules in neuronal cells. Tau is primarily found in the central nervous system but also exists in peripheral neurons. Human Tau protein comes in six isoforms due to alternative splicing with molecular weights ranging from 48 kDa to 67 kDa. This protein predominantly locates in the axons of neurons where it maintains the stability of microtubule tracks necessary for axonal transport.
Biological function summary	Tau is involved in the assembly and stabilization of microtubules essential for maintaining neuronal structure. It interacts with microtubule-binding domains (MBD) to bind and bundle microtubules facilitating intracellular transport. Tau forms a part of the neuronal cytoskeleton complex working closely with other cytoskeletal proteins to preserve the proper axonal transport and function. Abnormally phosphorylated Tau often termed phospho-Tau disrupts this complex affecting microtubule stability.
Pathways	Tau has critical involvement in several signaling cascades such as the microtubule-binding and transport pathways. Glycogen synthase kinase 3 beta (GSK3β) and cyclin-dependent kinase 5 (CDK5) frequently phosphorylate Tau controlling its interaction with microtubules. Phosphorylated Tau accumulates leading to the formation of neurofibrillary tangles often observed in neurodegenerative conditions. Additionally Tau interacts with GAPDH impacting cellular energy regulation through potential pathway cross-talk involving oxidative stress responses.
Associated diseases and disorders	Tau is closely associated with Alzheimer's disease and frontotemporal dementia. In Alzheimer's disease hyperphosphorylated Tau aggregates into paired helical filaments forming neurofibrillary tangles while similar aggregates are observed in frontotemporal dementia. In these conditions Tau links to amyloid precursor protein (APP) where misregulated phosphorylation-driven interactions contribute to neurodegeneration. Identifying phospho-Tau and its altered interactions with related proteins aids in understanding and potentially treating these disorders.

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

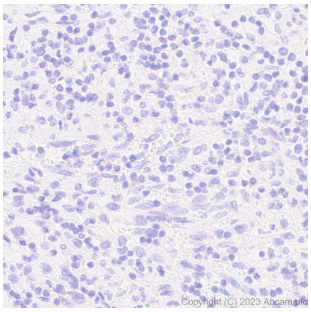
We do not recommend this combination. It is not covered by our product promise.

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.

20 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of Human spleen using rabbit Anti-Tau - C-terminal antibody

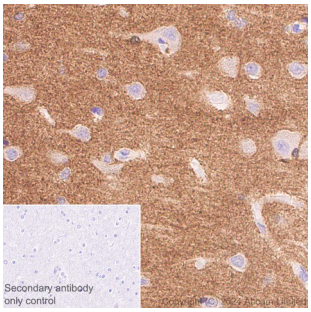
Immunohistochemical analysis of paraffin-embedded Human spleen tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Negative control: No staining on human spleen (PMID:12895417).
The section was incubated with ab316121 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-Tau - C-terminal antibody [EPR28785-33] (ab316121)

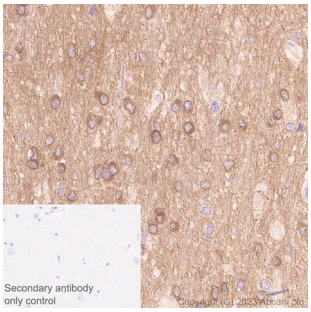
Immunohistochemical analysis of paraffin-embedded Human Alzhiemer's disease brain tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond® Polymer Refine Detection).

Cytoplasmic staining on human Alzhiemer's disease brain.
The section was incubated with ab316121 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-Tau - C-terminal antibody [EPR28785-33] (ab316121)

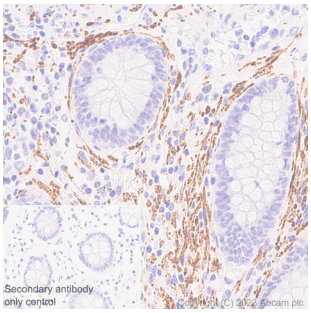
Immunohistochemical analysis of paraffin-embedded Human cerebrum tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Cytoplasmic staining on human cerebrum (PMID: 2492045).
The section was incubated with ab316121 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-Tau - C-terminal antibody [EPR28785-33] (ab316121)

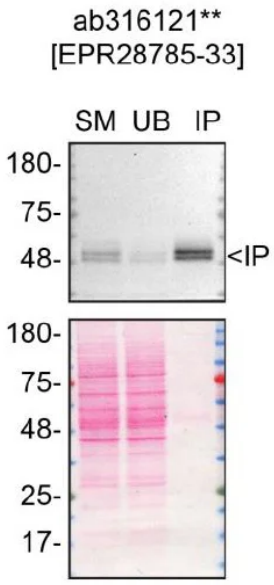
Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Cytoplasmic staining on peripheral nerves of human colon.
The section was incubated with ab316121 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).

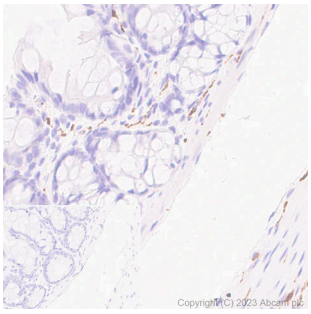
Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Immunoprecipitation - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Immunoprecipitation of MAPT in SK-N-FI cells. Lysates were prepared and immunoprecipitation was performed using 2 µg of ab316121 pre-coupled to Protein A beads. Samples were then washed and processed for western blot.

This data was provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins. Abcam and YCharOS are working together to help address the reproducibility crisis by enabling the life science community to better evaluate commercially available antibodies.
All lanes:
SK-N-FI cell lysates



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

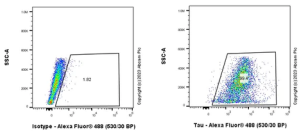
Immunohistochemical analysis of paraffin-embedded Rat colon tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Cytoplasmic staining on peripheral nerves of rat colon.
The section was incubated with ab316121 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).

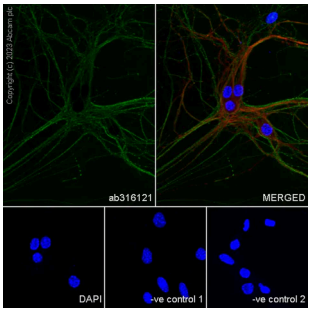
Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Flow Cytometry (Intracellular) - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Rat primary neuron cells labelling Tau - C-terminal with ab316121 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.



Immunocytochemistry/ Immunofluorescence - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

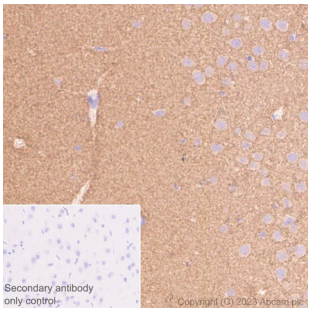
Tau - C-terminal Immunocytochemistry/ Immunofluorescence staining of mouse primary neuron using rabbit Anti-Tau - C-terminal antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized mouse primary neuron cells labelling Tau - C-terminal with ab316121 at 1/50 (9.78 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 primary neurons.
Confocal scanning Z step was set as 0.3 µm followed by image processing with maximum Z projection.
Image was taken with a confocal microscope(Leica-Microsystems, TCS SP8).

ab11267 Anti-MAP2 mouse monoclonal antibody was used to counterstain at 1/500 (4ug/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 (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tau antibody [EPR28785-33] (ab316121)

Immunohistochemical analysis of paraffin-embedded Rat cerebrum tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

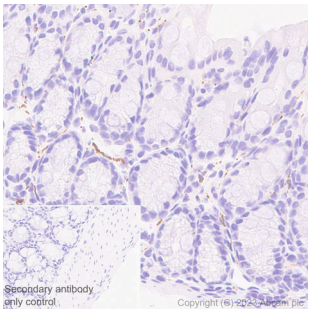
Cytoplasmic staining on rat cerebrum.
The section was incubated with ab316121 for 30 mins at room temperature.
The immunostaining was performed on a Leica Biosystems BOND® RX instrument

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

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

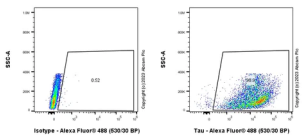
Immunohistochemical analysis of paraffin-embedded Mouse colon tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Cytoplasmic staining on peripheral nerves of mouse colon.
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Counterstained with Hematoxylin.

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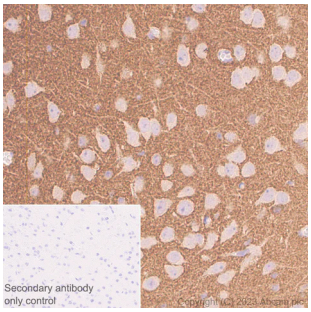
Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins.



Flow Cytometry (Intracellular) - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized Mouse primary neuron cells labelling Tau - C-terminal with ab316121 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-Tau antibody [EPR28785-33] (ab316121)

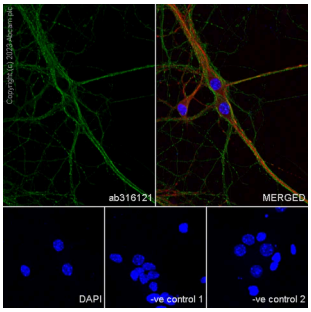
Immunohistochemical analysis of paraffin-embedded Mouse cerebrum tissue labeling Tau - C-terminal with ab316121 at 1/4000 (0.122 ug/ml) dilution, followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection).

Cytoplasmic staining on mouse cerebrum.
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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-Tau - C-terminal antibody [EPR28785-33] (ab316121)

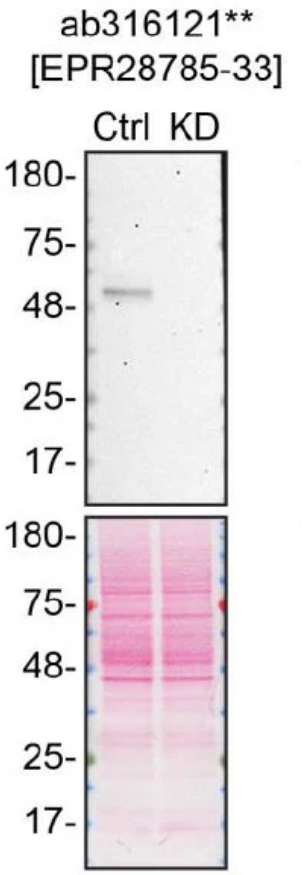
Tau - C-terminal Immunocytochemistry/ Immunofluorescence staining of rat primary neuron using rabbit Anti-Tau - C-terminal antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized rat primary neuron cells labelling Tau - C-terminal with ab316121 at 1/50 (9.78 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 primary neurons.
Confocal scanning Z step was set as 0.3 µm followed by image processing with maximum Z projection.
Image was taken with a confocal microscope(Leica-Microsystems, TCS SP8).

ab11267 Anti-MAP2 mouse monoclonal antibody was used to counterstain at 1/500 (4ug/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.



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

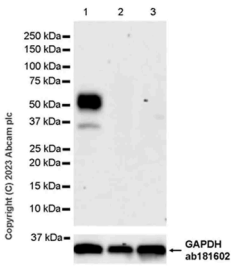
Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

ab316121 was shown to react with MAPT in wild-type SK-N-FI cells in Western blot with loss of signal observed in a MAPT siRNA knockdown cell line. Cell lysates from wild-type SK-N-FI transfected with either scrambled siRNA or MAPT siRNA were subjected to SDS-PAGE. Membranes were blocked in 5% milk in TBST for 1 hr before incubation with ab316121 overnight at 4 °C at a 1/1000 dilution. Blots were incubated with secondary antibodies at 0.2 µg/mL before imaging.

This data was provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins. Abcam and YCharOS are working together to help address the reproducibility crisis by enabling the life science community to better evaluate commercially available antibodies.
All lanes:
Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121) at 1/1000 dilution

Lane 1:
Wild-type SK-N-FI transfected with scrambled siRNA control lysate at 30 µg

Lane 2:
SK-N-FI transfected with siRNA specifically targeting MAPT cell lysate at 30 µg



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

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

Negative control: spleen, kidney (PMID: 24386422; PMID: 24309898).

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

All lanes:
Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121) at 1/1000 dilution

Lane 1:
Human brain tissue lysate at 20 µg

Lane 2:
Human kidney tissue lysate at 20 µg

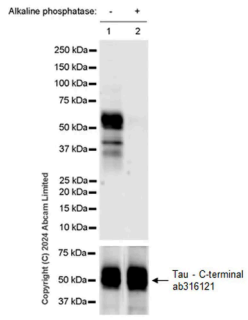
Lane 3:
Human spleen tissue lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/1000 dilution

Observed band size: 33-70 kDa, 36 kDa

Exposure time: 92s



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

All lanes:
Western blot - Anti-Tau (phospho T50) antibody [EPR29148-44] (ab322143) at 1/1000 dilution

Lane 1:
Human brain tissue lysate (untreated membrane) at 20 µg

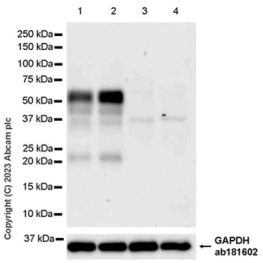
Lane 2:
Human brain tissue lysate (alkaline phosphatase treated membrane) at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Observed band size: 35-70 kDa, 50-70 kDa

Exposure time: 92s



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

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

Negative control: heart, spleen (PMID: 24386422).

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

All lanes:
Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121) at 1/1000 dilution

Lane 1:
Rat hippocampus tissue lysate at 20 µg

Lane 2:
Rat brain tissue lysate at 20 µg

Lane 3:
Rat heart tissue lysate at 20 µg

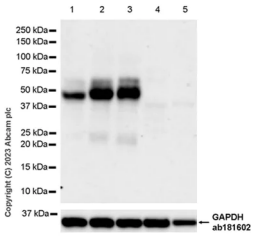
Lane 4:
Rat spleen tissue lysate at 20 µg

Secondary

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

Observed band size: 45-70 kDa, 36 kDa

Exposure time: 103s



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

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

Negative control: heart, spleen (PMID: 24386422).

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

All lanes:
Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121) at 1/1000 dilution

Lane 1:
Mouse hippocampus tissue lysate at 20 µg

Lane 2:
Mouse alzheimers brain tissue lysate at 20 µg

Lane 3:
Mouse brain tissue lysate at 20 µg

Lane 4:
Mouse heart tissue lysate at 20 µg

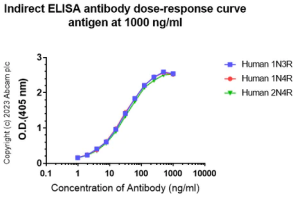
Lane 5:
Mouse spleen tissue lysate at 20 µg

Secondary

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

Observed band size: 45-70 kDa, 36 kDa

Exposure time: 103s

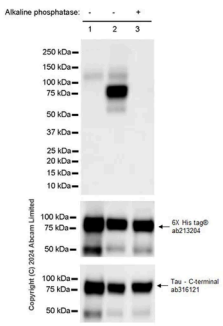


Indirect ELISA - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Indirect ELISA analysis of ab316121 at 1000-0 ng/ml. The Secondary antibody used was Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at 1:2500 dilution.

Antigen: Human 1N3R, Human 1N4R, Human 2N4R.

Antigen concentration: 1000 ng/ml



Western blot - Anti-Tau - C-terminal antibody [EPR28785-33] (ab316121)

Tau - C-terminal Western blot staining using rabbit Anti-Tau - C-terminal antibody

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

The identity of the bands higher than 100 kDa are unknown.

In Western blot, Anti-6X His tag® antibody [EPR20547] - ChIP Grade (ab213204) staining at 1/5000 dilution.

In Western blot, Anti-Tau - C-terminal antibody [EPR28785-33] - (ab316121) staining at 1/1000 dilution.

Actual observed bands 50-70kDa.

All lanes:
Western blot - Anti-Tau (phospho T50) antibody [EPR29148-44] (ab322143) at 1/1000 dilution

Lane 1:
293T (human embryonic kidney epithelial cell) cells transfected with a human Tau (T50A mutation) expression vector containing a myc-His-tag® treated with 100nM Calyculin A for 30min, whole cell lysate (untreated membrane) at 20 µg

Lane 2:
293T cells transfected with a human wild-type Tau expression vector containing a myc-His-tag® treated with 100nM Calyculin A for 30min, whole cell lysate (untreated membrane) at 20 µg

Lane 3:
293T cells transfected with a human wild-type Tau expression vector containing a myc-His-tag® treated with 100nM Calyculin A for 30min, whole cell lysate (alkaline phosphatase treated membrane) at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Observed band size: 50-70 kDa

Exposure time: 8s

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