Product Datasheet

Tau(Phospho-S396) Rabbit mAb

Catalog No: #13400

Package Size: #13400-1 50ul #13400-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Tau(Phospho-S396) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SN62-09
Purification	Affinity-chromatography
Applications	WB;ICC/IF;IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthesized peptide derived from human Tau around the phosphorylation site of S396
Conjugates	Unconjugated
Other Names	AI413597 antibody AW045860 antibody DDPAC antibody FLJ31424 antibody FTDP 17 antibody G protein beta1/gamma2 subunit interacting factor 1 antibody MAPT antibody MAPTL antibody MGC134287 antibody MGC138549 antibody MGC156663 antibody Microtubule associated protein tau antibody Microtubule associated protein tau isoform 4 antibody Microtubule-associated protein tau antibody MSTD antibody Mtapt antibody MTBT1 antibody MTBT2 antibody Neurofibrillary tangle protein antibody Paired helical filament tau antibody Paired helical filament-tau antibody PHF tau antibody PHF-tau antibody PPND antibody PPP1R103 antibody Protein phosphatase 1, regulatory subunit 103 antibody pTau antibody RNPTAU antibody TAU antibody TAU_HUMAN antibody Tauopathy and respiratory failure, included antibody
Accession No.	Swiss-Prot#:P10636
Calculated MW	79 kDa
SDS-PAGE MW	50-80 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

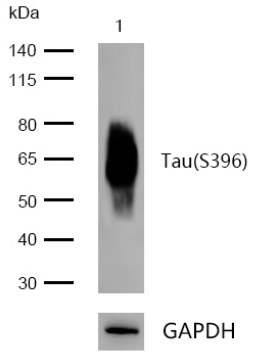
Application Details

WB: 1:500-1:2000

ICC/IF: 1:50-1:200

IHC: 1:50-1:200

Images



All lanes :Tau(Phospho-S396) Rabbit mAb at 1/500 dilution

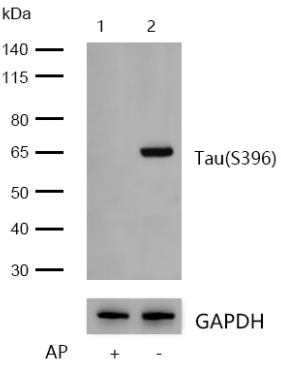
Lane 1 : Mouse brain lysates

Lysates/proteins at 20 µg per lane.

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

Predicted band size: 79 kDa
Observed band size: 50-80 kDa

Exposure time: 12 seconds



All lanes :Tau(Phospho-S396) Rabbit mAb at 1/500 dilution

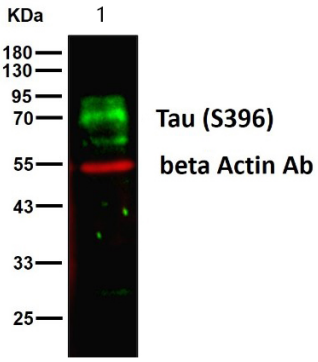
Lane 1 : SH-SY5Y treated with AP whole cell lysates
Lane 2 : SH-SY5Y whole cell lysates

Lysates/proteins at 20 µg per lane.

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

Predicted band size: 79 kDa
Observed band size: 50-80 kDa

Exposure time: 12 seconds



All lanes :Tau(Phospho-S396) Rabbit mAb at 1/500 dilution

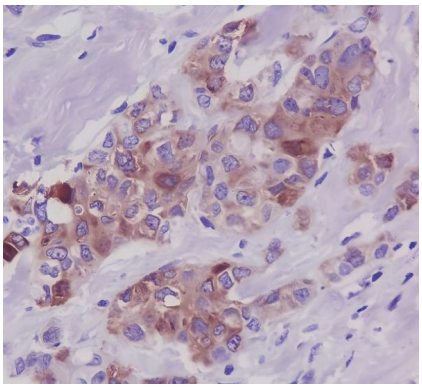
Lane 1 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

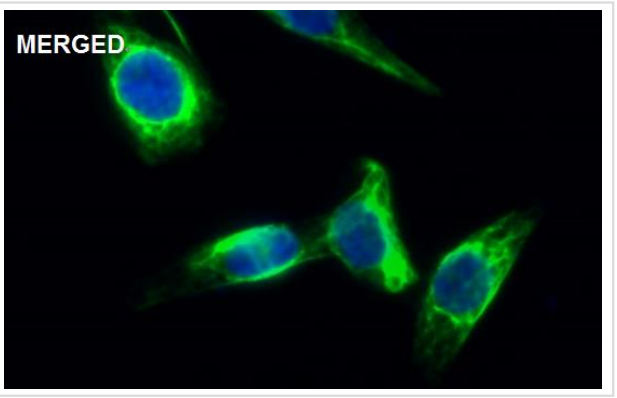
Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 79 kDa
Observed band size: 50-80 kDa

Exposure time: 12 seconds



Formalin-fixed;paraffin-embedded human breast carcinoma tissue stained for Tau(Phospho-S396) using 13400 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Tau (Phospho-S396) antibody (13400)
ICC/IF staining of Tau(Phospho-S396) in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
Samples were incubated with 13400 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit;used at a dilution of 1/500.
Nuclei were counterstained with DAPI.

Background

Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. 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.

References

1. Manczak M & Reddy PH Abnormal interaction of oligomeric amyloid-? with phosphorylated tau: implications to synaptic dysfunction and neuronal damage. J Alzheimers Dis 36:285-95 (2013).
2. Murakami K et al. SOD1 (copper/zinc superoxide dismutase) deficiency drives amyloid ? protein oligomerization and memory loss in mouse model of Alzheimer disease. J Biol Chem 286:44557-68 (2011).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.