Tau(Phospho-Ser673) Antibody

Catalog No: #11101

Package Size: #11101-1 50ul #11101-2 100ul

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

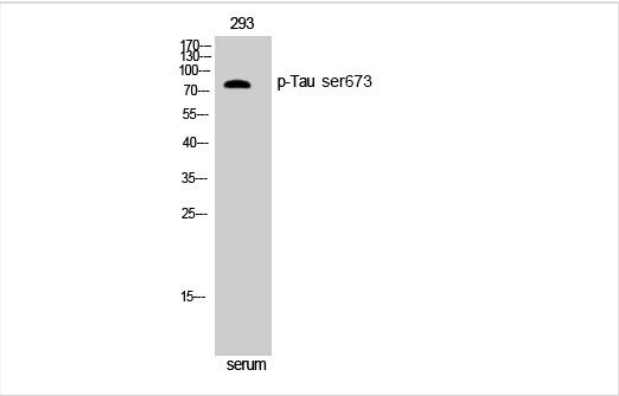
Description

Product Name	Tau(Phospho-Ser673) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB,IHC,IF,ELISA
Species Reactivity	Hu Ms Rt
Specificity	Phospho-Tau (S673) Polyclonal Antibody detects endogenous levels of Tau protein only when phosphorylated at S673.
Immunogen Type	Peptide-KLH
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Tau around the phosphorylation site of Ser673.
Target Name	Tau
Modification	Phospho
Other Names	MAPT; MTAPT; MTBT1; Neurofibrillary tangle protein; PHF-tau
Accession No.	Swiss-Prot: P10636NCBI Protein: NP_001116538.1
Uniprot	P10636
GeneID	4137;
Calculated MW	50-85kD
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

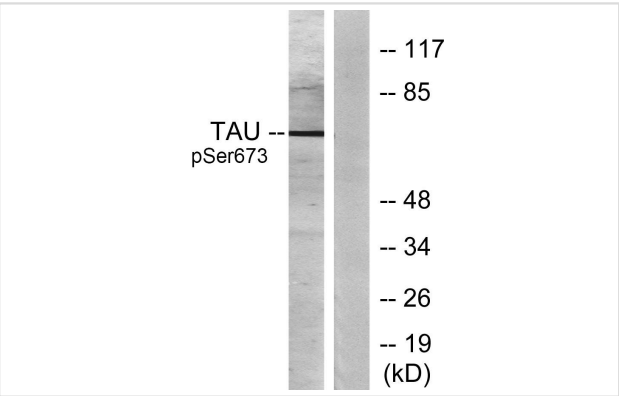
Application Details

WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

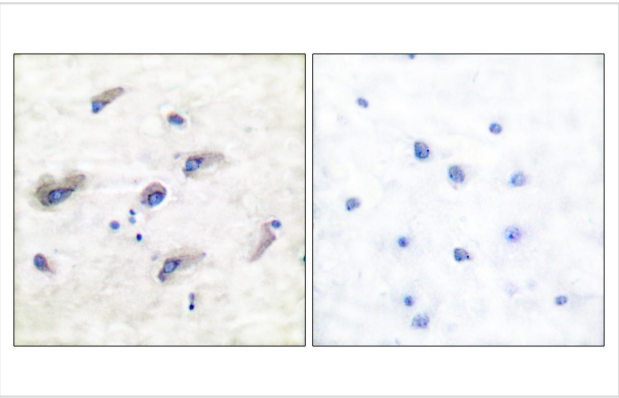
Images



Western Blot analysis of NIH-3T3 cells using Phospho-Tau (S673) Antibody diluted at 1:500



Western blot analysis of lysates from 293 cells treated with serum 10% 15', using Tau (Phospho-Ser673) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Tau (Phospho-Ser673) Antibody. The picture on the right is blocked with the phospho peptide.

Background

This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only