

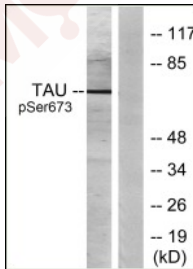
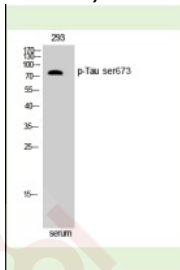
Anti-Phospho-MAPT (Ser673) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 50-85 kDa.
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 chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Western Blot analysis of NIH-3T3 cells using Phospho-Tau (S673) Antibody diluted at 1:500
2. Immunohistochemistry analysis of paraffin-embedded human brain, using Tau (Phospho-Ser673) Antibody. The picture on the right is blocked with the phospho peptide.



Application:	ELISA,IF,IHC,WB
Recommended	WB: 1:500-2000; IHC: 1:100-300; ELISA: 1:40000; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthesized phosphopeptide: human Tau around the phosphorylation site of Ser673
Antigen Species: Human
Uniprot ID: P10636
Synonyms: MAPT (p-S673);MAPT (p-Ser673);p-MAPT (Ser673);p-MAPT (S673)

Research 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],

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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