

Tau (phospho Ser519) Polyclonal Antibody

Catalog No: #13491

Package Size: #13491-1 50ul #13491-2 100ul

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Description

Product Name	Tau (phospho Ser519) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Tau (S519) Polyclonal Antibody detects endogenous levels of Tau protein only when phosphorylated at S519.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Tau around the phosphorylation site of Ser519/202. AA range:266-315
Conjugates	Unconjugated
Other Names	MAPT; MAPTL; MTBT1; TAU; Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau
Accession No.	Swiss Prot:P10636GeneID:4137
SDS-PAGE MW	50-85
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Background

microtubule associated protein tau(MAPT) Homo sapiens 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 and is not intended for use in humans or animals.