



# Tau (phospho Ser356) Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-03018
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC-p;IF(paraffin section);ELISA
<b>Gene Name</b>	MAPT
<b>Protein Name</b>	Microtubule-associated protein tau
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Tau around the phosphorylation site of Ser356. AA range:641-690
<b>Specificity</b>	Phospho-Tau (S356) Polyclonal Antibody detects endogenous levels of Tau protein only when phosphorylated at S356.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MAPT; MAPTL; MTBT1; TAU; Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau
<b>Observed Band</b>	50-85
<b>Cell Pathway</b>	Cytoplasm, cytosol . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytoskeleton . Cell projection, axon . Cell projection, dendrite . Secreted . Mostly found in the axons of neurons, in the cytosol and in association with plasma membrane components (PubMed:10747907). Can be secreted; the secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion (PubMed:32272059). .
<b>Tissue Specificity</b>	Expressed in neurons. Isoform PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.
<b>Function</b>	
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**