

Rabbit Tau Polyclonal Antibody | anti-Tau antibody

Tau (Phospho-Thr181) Polyclonal Conjugated Antibody

CATALOG # AAA312721	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

Tau; Polyclonal Antibody; Tau (Phospho-Thr181) Polyclonal Conjugated Antibody; Tau (Phospho-Thr181) Conjugated Antibody; MAPT; MTAPT; MTBT1; Neurofibrillary tangle protein; PHF-tau; anti-Tau antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of Tau only when phosphorylated at threonine 181.
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Sequence Length	776
Immunogen	Peptide sequence around phosphorylation site of threonine 181 (P-K-T (p)-P-P) derived from Human Tau.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF647: 651nm/667nm
Preparation and Storage	Store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-Tau antibody	Description: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. 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. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	178557734
NCBI GeneID	4137
NCBI Accession #	NP_001116538.1
NCBI GenBank Nucleotide #	NM_001123066.2
UniProt Accession #	P10636
Molecular Weight	48; 62; 78

NCBI Official Full Name	microtubule-associated protein tau isoform 6
NCBI Official Synonym Full Names	microtubule associated protein tau
NCBI Official Symbol	MAPT
NCBI Official Synonym Symbols	TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103
NCBI Protein Information	microtubule-associated protein tau
UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	MAPT
UniProt Synonym Gene Names	MAPTL; MTBT1; TAU; PHF-tau
UniProt Entry Name	TAU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tau-antibody-elisa/312721>