

Rabbit anti-Human Tau Polyclonal Antibody | anti-Tau antibody

Tau (Phospho-Thr217) Polyclonal Conjugated Antibody

CATALOG # AAA312724	HOST Rabbit	REACTIVITY Human
-------------------------------	-----------------------	----------------------------

PRODUCT SYNONYMS

Tau; Polyclonal Antibody; Tau (Phospho-Thr217) Polyclonal Conjugated Antibody; Tau (Phospho-Thr217) Conjugated Antibody; MAPT; MTBT1; PHF-tau; anti-Tau antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of Tau only when phosphorylated at threonine 217.
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Peptide sequence around phosphorylation site of threonine 217 (L-P-T (p)-P-P) derived from Human Tau.
Conjugation	AF647
Excitation Emission	AF647: 651nm/667nm
Preparation and Storage	Store at 4 degree C in dark for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-Tau antibody	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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	294862261
NCBI GeneID	4137
NCBI Accession #	NP_058519.3
NCBI GenBank Nucleotide #	NM_016835.4
UniProt Accession #	P10636 ; P18518 ; Q14799 ; Q15549 ; Q15550 ; Q15551 ; Q1RMF6 ; Q53YB1 ; Q5CZ17 ; Q5XWF0 ; Q6QT54 ; Q9UDJ3
Molecular Weight	65
NCBI Official Full Name	microtubule-associated protein tau isoform 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tau-antibody-elisa/312724>