

Rabbit Tau Antibody | anti-Tau antibody

Tau (Phospho-Thr181) Antibody

CATALOG # AAA17984	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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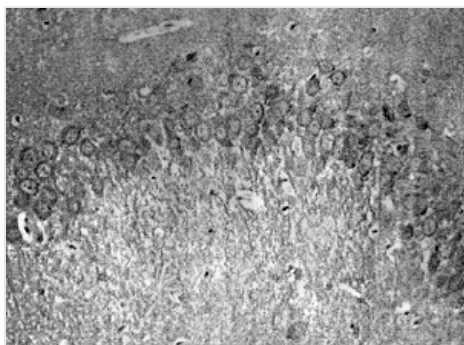
PRODUCT SYNONYMS

Tau; Tau (Phospho-Thr181) Antibody; anti-Tau antibody

PRODUCT SPECIFICATIONS

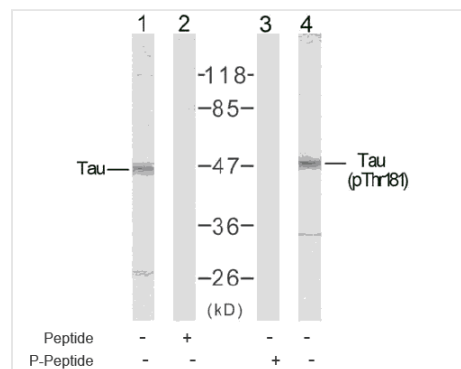
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	Tau (phospho-Thr181) antibody detects endogenous levels of Tau only when phosphorylated at threonine 181.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	776
Applicable Applications for anti-Tau antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500~1:1000 IHC:1:50-100
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Tau around the phosphorylation site of threonine 181 (P-K-T ^P -P-P).
Preparation and Storage	Store at -20°C for 1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat hippocampal region tissue from a model with Alzheimer's Disease using Tau (phospho-Thr181) antibody



WB (Western Blot)

Western blot analysis of extract from mouse brain tissue using Tau (Ab-181) antibody (Lane 1 and 2) and Tau (phospho-Thr181) antibody (Lane 3 and 4).

ADDITIONAL INFORMATION

Product Categories/Family for anti-Tau antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Puig B, et al.(2005) Acta Neuropathol (Berl). 110(3):261-268. Pérez M, et al.(2005) Neuroscience. 130(2): 339-347. Fellgiebel A, et al.(2004) Biol Psychiatry. 56(4): 279-283. del C Alonso A, et al.(2004) J Biol Chem. 279(33): 34873-34881.

NCBI AND UNIPROT INFORMATION

NCBI GI #	294862258
NCBI GeneID	4137
NCBI Accession #	NP_001116538.2
NCBI GenBank Nucleotide #	NM_001123066.3
UniProt Accession #	P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZI7; Q5XWF0; Q6QT54; Q9UDJ3
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

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/rabbit-human-mouse-rat-antibody/tau/17984>