

Tau Antibody | anti-Tau antibody

Tau (Phospho-Ser422) Antibody

CATALOG # AAA267813	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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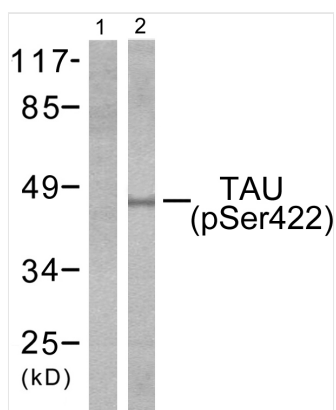
PRODUCT SYNONYMS

Tau; Tau (Phospho-Ser422) Antibody; MAPT; MTBT1; Microtubule-associated protein tau; Neurofibrillary tangle protein; PHF-tau; Paired helical filament-tau; anti-Tau antibody

PRODUCT SPECIFICATIONS

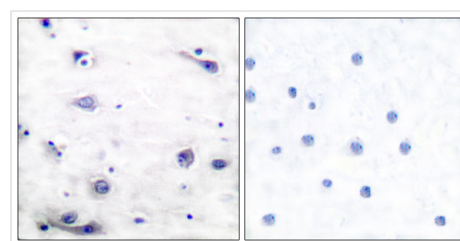
Reactivity	Human, Mouse, Rat
Specificity	Tau (phospho-Ser422) antibody detects endogenous levels of Tau only when phosphorylated at serine 422.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Tau around the phosphorylation site of serine 422 (V-D-SP-P-Q).
All Sites	Human: Ser422 Mouse: Ser713 Rat: Ser732
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using Tau (phospho-Ser422) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Tau (phospho-Ser422) antibody.

ADDITIONAL INFORMATION

References	Mario Binelli, Biol Reprod, Feb 2001; 64: 654. Jens Leipziger, Am J Physiol Renal Physiol, Nov 2000; 279: 919. Yuuki Kawamura, Eur. J. Biochem., May 2001; 268: 3036. Xiaoying Koh, Biophys. J., Mar 2006; 90: 1999-2014.
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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; Q5CZ17; Q5XWF0; Q6QT54; Q9UDJ3
Molecular Weight	80,941 Da
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/human-mouse-rat-antibody/tau/267813>