

Rabbit Tau Monoclonal Antibody | anti-Tau antibody

Tau Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312164	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

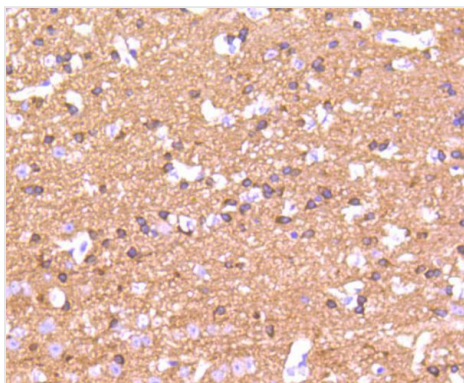
PRODUCT SYNONYMS

Tau; Monoclonal Antibody; Tau Antibody; AI413597 antibody; AW045860 antibody; DDPAC antibody; FLJ31424 antibody; FTDP 17 antibody; G protein beta1/gamma2 subunit interacting factor 1 antibody; MAPT antibody; MAPTL antibody; MGC134287 antibody; MGC138549 antibody; MGC156663 antibody; Microtubule associated protein tau antibody; Microtubule associated protein tau isoform 4 antibody; Microtubule-associated protein tau antibody; MSTD antibody; Mtap antibody; MTBT1 antibody; MTBT2 antibody; Neurofibrillary tangle protein antibody; Paired helical filament tau antibody; Paired helical filament-tau antibody; PHF tau antibody; PHF-tau antibody; PPND antibody; PPP1R103 antibody; Protein phosphatase 1; regulatory subunit 103 antibody; pTau antibody; RNPTAU antibody; TAU antibody; TAU_HUMAN antibody; Tauopathy and respiratory failure; included antibody; anti-Tau antibody

PRODUCT SPECIFICATIONS

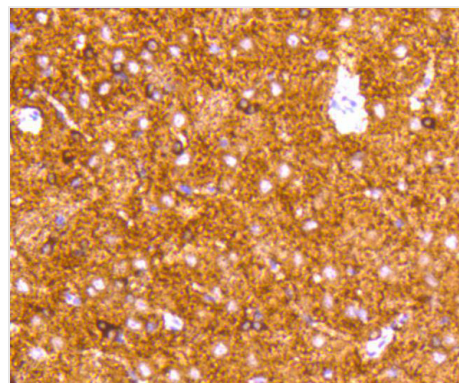
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SZ03-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Tau antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



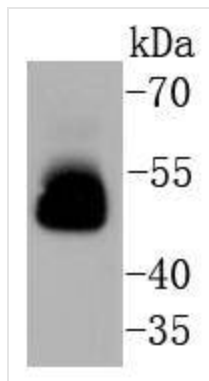
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Tau antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Tau antibody. Counter stained with hematoxylin.



WB (Western Blot)
 Western blot analysis of Tau on mouse brain lysates using anti-Tau antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-Tau antibody	Tau, also known as MAPT (microtubule-associated protein tau), MAPTL, MTBT1 or TAU, is a 758 amino acid protein that localizes to the cytoplasm, as well as to the cytoskeleton and the cell membrane, and contains four Tau/MAP repeats. Expressed in neuronal tissue and existing as multiple alternatively spliced isoforms, Tau functions to promote microtubule assembly and stability and is thought to be involved in the maintenance of neuronal polarity. Tau may also link microtubules with neural plasma membrane components and, addition to its role in microtubule stability, is also necessary for cytoskeletal plasticity. Tau is highly subject to a variety of post-translational modifications, including phosphorylation on serine and threonine residues, polyubiquitination (and subsequent proteasomal degradation) and glycation of specific Tau isoforms. Defects in the gene encoding Tau are associated with Alzheimers disease, pallido-ponto-nigral degeneration (PPND), corticobasal degeneration (CBD) and progressive supranuclear palsy (PSP).
Product Categories/Family for anti-Tau antibody	Total protein Ab

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; Q5XWFO; Q6QT54; Q9UDJ3
Molecular Weight	50 kDa
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
NCBI Protein Information	microtubule-associated protein tau; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; G protein beta1/gamma2 subunit-interacting factor 1
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/monoclonal/tau-antibody-clone-sz03-03-immunoprecipitation-immunohistochemistry-western-blot-elisa/312164>