

Rabbit Tau Monoclonal Antibody | anti-Tau antibody

Tau (Phospho-T231) Conjugated Antibody

CATALOG # AAA312807	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

Tau; Monoclonal Antibody; Tau (Phospho-T231) Conjugated Antibody; anti-Tau antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Recombinant protein
Conjugation	AF647
Excitation Emission	AF647: 651nm/667nm
Preparation and Storage	Store at 4°C in dark for 6 months

ADDITIONAL INFORMATION

Related Product Information for anti-Tau antibody	Tau, also known as MAPT (microtubule-associated protein tau), MAPTL, MTSn 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 Alzheimer's disease, panto-ponto-nigral degeneration (PPND), corticobasal degeneration (CSD) and progressive supranuclear palsy (PSP).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574546
NCBI GeneID	861
NCBI Accession #	NP_001001890.1
NCBI GenBank Nucleotide #	NM_001001890.2
UniProt Accession #	Q01196; O60472; O60473; O76047; O76089; Q13081; Q13755; Q13756; Q13757; A8MV94; B2RMS4; D3DSG1
Molecular Weight	46 kDa
NCBI Official Full Name	runt-related transcription factor 1 isoform AML1b
NCBI Official Synonym Full Names	runt-related transcription factor 1

NCBI Official Symbol	RUNX1
NCBI Official Synonym Symbols	AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; AML1-EVI-1
NCBI Protein Information	runt-related transcription factor 1; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; AML1-EVI-1 fusion protein; acute myeloid leukemia 1 protein; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; core-binding
UniProt Protein Name	Runt-related transcription factor 1
UniProt Gene Name	RUNX1
UniProt Synonym Gene Names	AML1; CBFA2; CBF-alpha-2; PEA2-alpha B
UniProt Entry Name	RUNX1_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/monoclonal/tau-antibody-elisa/312807>