

Rabbit Tau-Ser416 Polyclonal Antibody | anti-Tau-Ser416 antibody

Phospho-Tau-Ser416 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282185	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

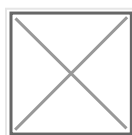
PRODUCT SYNONYMS

Tau-Ser416; Polyclonal Antibody; Phospho-Tau-Ser416 Rabbit pAb; DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; TAU; MAPT; Tau; anti-Tau-Ser416 antibody

PRODUCT SPECIFICATIONS

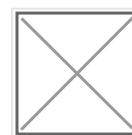
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid. PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-Tau-Ser416 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding Ser416 of human Tau.
Positive Samples	NIH/3T3
Cellular Location	Cell membrane, Cell projection, Cytoplasm, Cytoplasmic side, Peripheral membrane protein, axon, cytoskeleton, cytosol
Research Area	Protein phosphorylation Signal Transduction MAPK-P38 Signaling Pathway Signal Transduction MAPK-P38 Signaling Pathway Cell Biology & Developmental Biology Cytoskeleton Microtubules Neuroscience Neuro degenerative Diseases Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease Neuroscience Cell Type Marker Neural Stem Cell marker Neuroscience Cell Type Marker Neuron marker Neuroscience Cell Type Marker Axon marker Catalog Proteins Drug Targets
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Mouse brain using Phospho-Tau-Ser416 Rabbit pAb (AAA282185) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat brain using Phospho-Tau-Ser416 Rabbit pAb (AAA282185) at dilution of 1:100. Blue: DAPI for nuclear staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human brain using Phospho-Tau-Ser416 Rabbit pAb (AAA282185) at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Tau-Ser416 pAb (AAA282185) at 1:1000 dilution or Tau antibody (A0002). NIH/3T3 cells were treated by CIP(20uL/400ul) at 37 degree C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-Tau-Ser416 antibody	This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-Tau-Ser416 antibody	Catalog Antibodies ; Phosphorylated Antibodies ; Primary Antibodies

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	78,928 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
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/polyclonal/tau-ser416-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/282185>