

Rabbit MAPT-S396 Antibody | anti-MAPT antibody

Phospho-MAPT-S396 Polyclonal Antibody

CATALOG # AAA37419	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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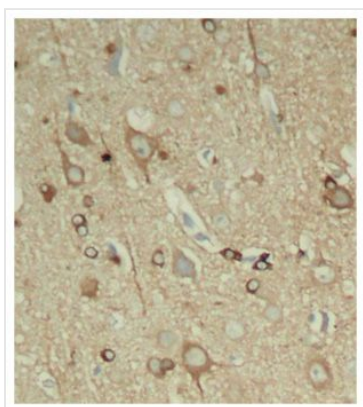
PRODUCT SYNONYMS

MAPT-S396; Phospho-MAPT-S396 Polyclonal Antibody; Phospho-MAPT-S396: TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R; MAPT; Tau; anti-MAPT antibody

PRODUCT SPECIFICATIONS

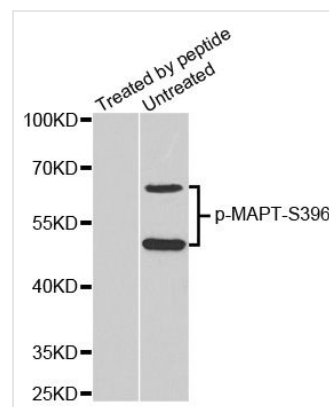
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Sequence Length	758
Applicable Applications for anti-MAPT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species Reactivity/ Cross-Reactivity	Human , Mouse , Rat
Immunogen	A phospho specific peptide corresponding to residues surrounding S396 of human Tau (NP_058519.3).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat hippocampal region tissue from a model with Alzheimer, using Phospho-MAPT-S396 antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain tissue, using phospho-MAPT-S396 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPT 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.
Product Categories/Family for anti-MAPT antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	334302961
NCBI GeneID	4137
UniProt Accession #	P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZ17; Q5XWF0; Q6QT54; Q9UDJ3
Molecular Weight	Observed MW: 50kDa / 60kDa Calculated MW: 32-45kDa/ 78-80kDa
NCBI Official Full Name	Microtubule-associated protein tau
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; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; protein phosphatase 1, regulatory subunit 103; 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.