

Tau Recombinant Antibody | MAPT recombinant antibody

Phospho-Tau (Ser202, Thr205) Antibody, Rabbit MAb

CATALOG # AAA259422	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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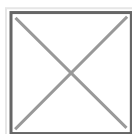
PRODUCT SYNONYMS

Tau; Monoclonal Recombinant Antibody; Phospho-Tau (Ser202; Thr205) Antibody; Rabbit MAb; microtubule-associated protein tau; Anti-DDPAC Antibody; Anti-FLJ31424 Antibody; Anti-FTDP-17 Antibody; Anti-MAPTL Antibody; Anti-MGC138549 Antibody; Anti-MSTD Antibody; Anti-MTBT1 Antibody; Anti-MTBT2 Antibody; Anti-PPND Antibody; Anti-PPP1R103 Antibody; Anti-TAU Antibody; Anti-tau-40 Antibody; Anti-Tau-PHF6 Antibody; MAPT recombinant antibody

PRODUCT SPECIFICATIONS

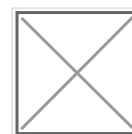
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	0016
Specificity	Human, Mouse, Rat Species predicted to react based on 100% sequence homology: Cynomolgus Phospho-Tau (Ser202, Thr205) of P10636-8 in UniProt, which corresponds to Phospho-Tau (Ser519, Thr522) of P10636-1 in UniProt.
Purity/Purification	Protein A
Form/Format	Liquid; 10 mM sodium HEPES, 150 mM NaCl, 100ug/mL BSA, 50% glycerol, pH 7.5
Applicable Applications for MAPT recombinant antibody	WB (Western Blot)
Immunogen	A synthetic phosphopeptide corresponding to residues around (Ser202, Thr205) of the Human Phospho-Tau
Preparation	This antibody was obtained from a rabbit immunized with a synthetic phosphopeptide corresponding to residues around (Ser202, Thr205) of the Human Phospho-Tau.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from rat brain using Phospho-Tau (Ser202, Thr205) rabbit monoclonal Antibody (#AAA259422) at 1:5000 dilution.



WB (Western Blot)

Western blot analysis of extracts from mouse brain (line A); treated with antigen-specific phosphopeptide (line B) or antigen-specific peptide (line C) using Phospho-Tau (Ser202, Thr205) rabbit monoclonal Antibody (#AAA259422) at 1:2000 dilution.(Validation Experiment

ADDITIONAL INFORMATION

Related Product Information for MAPT recombinant antibody	MAPT (microtubule-associated protein tau) can produce tau proteins. Tau proteins are proteins that stabilize microtubules. They are abundant in neurons of the central nervous system and are less common elsewhere, but are also expressed at very low levels in CNS astrocytes and oligodendrocytes. When tau proteins are defective, and no longer stabilize microtubules properly, they can result in dementias such as Alzheimer's disease. Tau protein is a highly soluble microtubule-associated protein (MAP). In humans, these proteins are mostly found in neurons compared to non-neuronal cells. One of tau's main functions is to modulate the stability of axonal microtubules. Other nervous system MAPs may perform similar functions, as suggested by tau knockout mice, who did not show abnormalities in brain development-possibly because of compensation in tau deficiency by other MAPs.
Product Categories/Family for MAPT recombinant antibody	AMPK Signaling Pathway
References	Harad. A. e. al. (1994. Altere. microtubul. organizatio. i. small-calibr. axon. o. mic. lackin. ta. protein. Nature. 369(6480):488-91. Weingarte. MD. e. al. (1975. . protei. facto. essentia. fo. microtubul. assembly. Pro. Nat. Aca. Sci. 72(5):1858-62. Goeder. M. e. al. (1989. Multipl. isoform. o. huma. microtubule-associate. protei. tau. sequence. an. localizatio. i. neurofibrillar. tangle. o. Alzheimer'. disease. Neuron. 3(4). 519-26.

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-recombinant-antibody-clone-0016-western-blot-elisa/259422>