

Anti-Tau Antibody

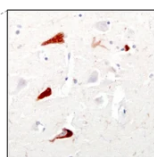
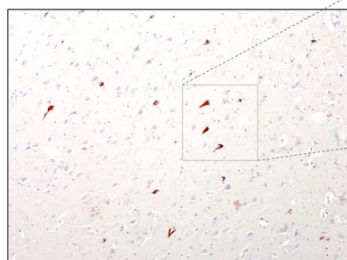


Product Details

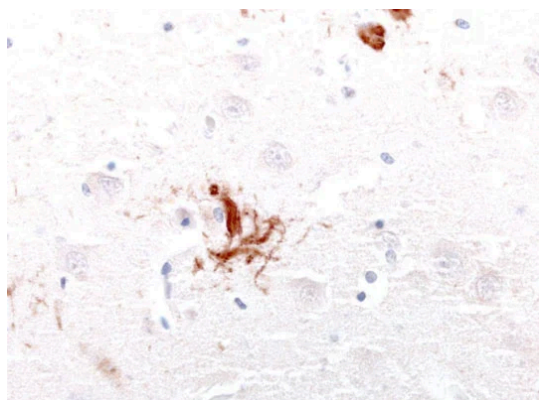
Available Variants	1000 µL (SKU:TAU) 100 µL (SKU:TAU-0020)
Isotype	IgY
Gene Name	MAPT MAPTL MTBT1 TAU
Host Species	Chicken
Concentration	200 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Chickens were immunized with two synthetic peptide / keyhole limpet hemocyanin (KLH) conjugates. These synthetic peptides corresponded to different and nonphosphorylated regions of the Tau gene product, but are shared between the human (NP_05819, NCBI) and mouse (P01637, NCBI) sequences. After repeated injections, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column, and the concentrations of the eluates adjusted to 200 µg/mL. Finally, equal volumes of both of these affinity-purified anti-peptide antibodies were mixed, and the preparation was filter-sterilized.
Applications	ICC, IHC
Dilution Ranges	IHC: 1:5000-1:10000 ICC: 1:5000-1:10000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptides
Molecular Weight	55-62 kDa

Quality Control	Both of these anti-peptide antibodies were analyzed by immunohisto-chemistry (at a dilution of 1:20000) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) as the secondary reagent.
Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_2313563
UniProt ID	<u>P10636</u>
Country of Origin	United States
Shipping	Ice packs
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

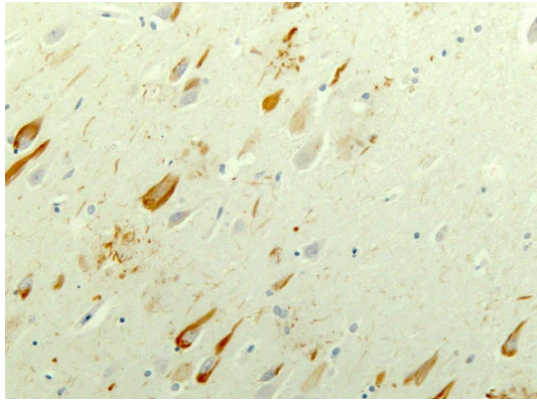
Product Images



Immunohistochemical presence of tau in neurofibrillary tangles in cortical neurons of an Alzheimer's Disease patient. Anti-Tau antibody (1:10,000) was incubated with formalin-fixed, paraffin-embedded sectioned material from Alzheimer's brains. Primary antibody was visualized with HRP-labeled goat anti-chicken IgY. Dr. Randy Woltjer, Oregon Health & Sciences University.



Immunohistochemical presence of tau in a neurofibrillary tangle in the remnant of a cortical neuron of an Alzheimer's Disease patient. Anti-Tau antibody (1:10,000) was incubated with formalin-fixed, paraffin-embedded sectioned material from Alzheimer's brains. Primary antibody was visualized with HRP-labeled goat anti-chicken IgY. Dr. Randy Woltjer, Oregon Health & Sciences University.



Immunohistochemical presence of tau in a neurofibrillary tangle in cortical neurons of an Alzheimer's Disease patient. Anti-Tau antibody (1:10,000) was incubated with formalin-fixed, paraffin-embedded sectioned material from Alzheimer's brains. Primary antibody was visualized with HRP-labeled goat anti-chicken IgY. Dr. Randy Woltjer, Oregon Health & Sciences University.

Product Page URL: www.antibodiesinc.com/products/anti-tau-antibody-tau



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