

Tau Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10403**Specification**

Tau Antibody - Product Information

Application	WB
Primary Accession	P19332.3
Other Accession	EDM06298
Reactivity	Human, Mouse, Rat, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Tau Antibody - Additional Information

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Other applications have not been determined. The antibody recognizes mainly the truncated Tau (~30 kDa) in sample from human, mouse and rat origins. Other isoforms of Tau at 35 kDa, 60 kDa and 80 kDa can also be recognized. Reactivity to other species has not been tested.
---------------------	---

Other Names

tau , TAU , MAPT , MAPTL , FTDP-17 , MSTD , MGC138549 , PPND , MTBT2

Target/Specificity

Tau

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-TAU polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Tau Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Tau Antibody - Protein Information**Tau Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tau Antibody - Images**Tau Antibody - Background**

Tau, a microtubule-binding protein which serves to stabilize microtubules in growing axons, is found to be hyperphosphorylated in paired helical filaments (PHF), the major fibrous component of neurofibrillary lesions associated with Alzheimer's disease. Hyperphosphorylation of Tau is thought to be the critical event leading to the assembly of PHF. Six Tau protein isoforms have been identified, all of which are phosphorylated by GSK3. This presents the possibility that miscues in GSK3 signaling contribute to the onset of Alzheimer's disease.