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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 Cytomety
- 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 tho µght 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.