

Product Datasheet

Tau Antibody



Catalog No: CY5846

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF FC

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Information

UniProt ID: P10636

All Names: Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau; MAPT; MAPTL; MTBT1; TAU;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50-80 kDa

Application

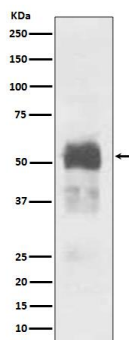
WB 1:1000~1:2000

ICC/IF 1:50~1:200

FC 1:100

Background

Tau is a heterogeneous microtubule-associated protein that promotes and stabilizes microtubule assembly, especially in axons. Six isoforms with different amino-terminal inserts and different numbers of tandem repeats near the carboxy terminus have been identified, and tau is hyperphosphorylated at approximately 25 sites by Erk, GSK-3, and CDK5. Research studies have shown that inclusions of tau are found in a number of other neurodegenerative diseases, collectively known as tauopathies.



Western blot analysis of Tau expression in Mouse brain lysate.

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