

Product Datasheet

Phospho-Tau (S214) Antibody

Catalog No: CY9004

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P10636

All Names: MAPT; Microtubule-associated protein tau; MTBT1; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-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.: 50-70kDa

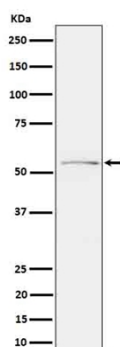
Application

WB 1:500~1:2000

IHC 1:50~1:100

Background

Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both.



Western blot analysis of Phospho-Tau (S214) expression in mouse cerebral cortex cell lysate.

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