

Anti-Phospho-Tau (Ser324) Antibody (8K89)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	8K89
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of Phospho-Tau (S324) expression in (1) SH-SY5Y cell lysate; (2) SH-SY5Y cell lysate treated with Okadaic acid and Calyculin A.
Application:	ICC/IF,IP,WB
Recommended	ICC/IF: 1:50-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Tau around the phosphorylation site of S324
Synonyms:	Tau (p-S324);Paired helical filament-tau;Neurofibrillary tangle protein;Microtubule-associated protein tau;MTBT1;PHF-tau;Tau (p-Ser324);MAPT;p-Tau (S324);p-Tau (Ser324)

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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