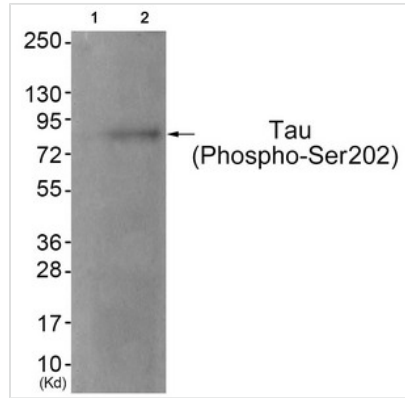




Phospho-MAPT (Ser202) Antibody

| | |
|----------------------------|--|
| Product Code | CSB-PA257727 |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P10636 |
| Immunogen | Peptide sequence around phosphorylation site of serine 202(P-G-S(p)-P-G) derived from Human Tau. |
| Raised In | Rabbit |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous levels of Tau only when phosphorylated at serine 202. |
| Tested Applications | ELISA,WB;WB:1:500-1:1000 |
| Relevance | <p>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. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.</p> <p>Goedert M., Proc. Natl. Acad. Sci. U.S.A. 85:4051-4055(1988). Goedert M., EMBO J. 8:393-399(1989). Lee G., Neuron 2:1615-1624(1989).</p> |
| Form | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Purification Method | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi |
| Clonality | Polyclonal |
| Alias | MAPT; MTBT1; PHF-tau; |
| Product Type | Polyclonal Antibody |
| Immunogen Species | Homo sapiens (Human) |
| Target Names | MAPT |
| Image | |



Western blot analysis of extracts from JK cells (Lane 2), using Tau (Phospho-Ser202) Antibody. The lane on the left is treated with antigen-specific peptide.

Product Modify

Phospho-Ser202