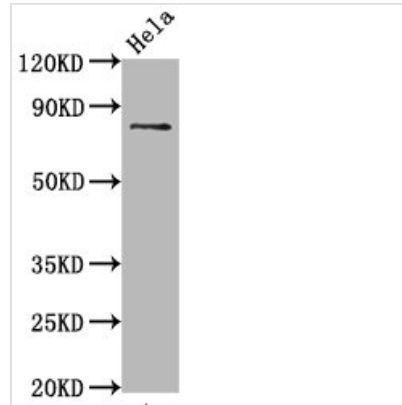




Phospho-MAPT (S396) Antibody

| | |
|----------------------------|--|
| Product Code | CSB-RA013481A396phHU |
| Abbreviation | Microtubule-associated protein tau |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P10636 |
| Immunogen | A synthesized peptide derived from Human Phospho-MAPT (S396) |
| Species Reactivity | Human |
| Tested Applications | ELISA, WB; Recommended dilution: WB:1:500-1:5000 |
| Relevance | 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/MAPT 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. |
| Form | Liquid |
| Conjugate | Non-conjugated |
| Storage Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Purification Method | Affinity-chromatography |
| Isotype | Rabbit IgG |
| Clonality | Monoclonal |
| Alias | Microtubule-associated protein tau, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau, MAPT, MAPTL, MTBT1, TAU |
| Immunogen Species | Homo sapiens (Human) |
| Research Area | Neuroscience |
| Gene Names | MAPT |
| Accession NO. | 1G3 |
| Image | |



Western Blot

Positive WB detected in HeLa whole cell lysate

All lanes Phospho-MAPT antibody at 0.67 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 80 KDa

Observed band size: 80 KDa