



MAPT Antibody, FITC conjugated

Product Code	CSB-PA11169C0Rb
Abbreviation	Microtubule-associated protein tau
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P10636
Immunogen	Recombinant Human Microtubule-associated protein tau protein (33-166AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
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	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau), MAPT, MAPTL MTBT1 TAU
Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	MAPT