

Tau protein(Phospho-Thr181) Antibody FITC Conjugated

Catalog No: #C07493F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Tau protein(Phospho-Thr181) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human Tau protein around the phosphorylation site of Thr181
Conjugates	FITC
Target Name	Tau protein Thr181
Other Names	TauThr181; MAPTphospho T181; p-TauThr181; MAPT; Microtubule-associated protein Tau; AI413597; AW045860; DDPAC; Disinhibition dementia parkinsonism amyotrophy complex; FLJ31424; FTDP 17; FTDP17; G Protein beta 1 gamma 2 subunit interacting factor 1; G protein beta1 gamma2 subunit interacting factor 1;
Accession No.	NCBI Gene ID4137
Uniprot	P10636
GeneID	4137;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Tau proteins are important 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. Tau proteins subcellular located in the axons of neurons, in the cytosol and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.

Note: This product is for in vitro research use only