Tau (Phospho-Ser199) Rabbit mAb

Catalog No: #14287

Package Size: #14287-1 50ul #14287-2 100ul

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

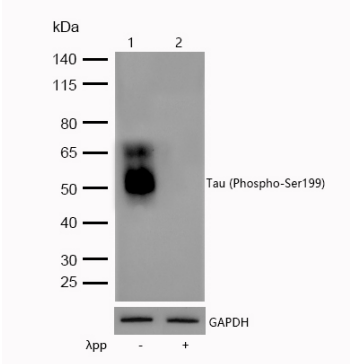
Description

Product Name	Tau (Phospho-Ser199) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	Phospho-Tau (S199) Antibody detects endogenous levels of total Phospho-Tau (S199)
Immunogen Description	A synthesized peptide derived from human Phospho-Tau (S199)
Conjugates	Unconjugated
Other Names	MAPT; Microtubule-associated protein tau; MTBT1; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau
Accession No.	Uniprot:P10636
Calculated MW	50-70 kDa
SDS-PAGE MW	55 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB: 1:500-1:2000

Images



All lanes : Tau (Phospho-Ser199) Rabbit mAb at 1/1k dilution Lane 1 :Mouse hippocampus cell lysateLane 2 : Mouse hippocampus treated with Lambda phosphatase for 30min cell lysateLysates/proteins at 20 µg per lane.SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 50-70 kDa Observed band size: 55 kDaExposure time: 3 seconds

Product Description

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.

Published Papers

Yanmin Chang;Yi Yao;Rong Ma;Zemin Wang;Junjie Hu;Yanqing Wu;Xingjun Jiang;Lulu Li;Gang Li el at., Dl-3-n-Butylphthalide Reduces Cognitive Deficits and Alleviates Neuropathology in P301S Tau Transgenic Mice, , (2021)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.