

For Research Use Only

Phospho-TAU (Ser396) Recombinant monoclonal antibody

Catalog Number:87029-11-RR



Basic Information

Catalog Number: 87029-11-RR	GenBank Accession Number: NM_016835	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4137	CloneNo.: 252170E5
Isotype: IgG	UNIPROT ID: P10636	Recommended Dilutions: WB: 1:500-1:2000 IF-P: 1:200-1:800
	Full Name: microtubule-associated protein tau	
	Calculated MW: 79 kDa	
	Observed MW: 50-80 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, IF-P : λ phosphatase treated mouse brain tissue,

Background Information

Tau is a 441-amino acid hydrophilic protein sub-classified into 4 domains. The amino acids Thr181, Thr205 and Thr217 are associated with the early stages in the development of AD, while amino acid residues Ser262, Ser396 and Ser404 are associated with formation of aggregates.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

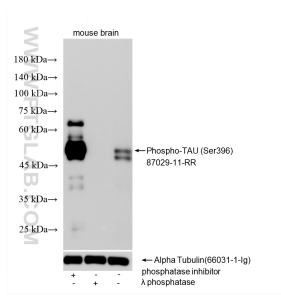
T: 4006900926

E: Proteintech-CN@ptglab.com

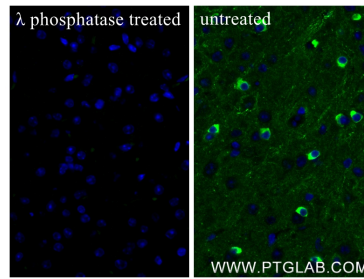
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Selected Validation Data



Non-treated mouse brain tissue, phosphatase inhibitor treated mouse brain tissue and λ phosphatase treated mouse brain tissue were subjected to SDS PAGE followed by western blot with 87029-11-RR (Phospho-TAU (Ser396) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control.



Immunofluorescent analysis of (4% PFA) fixed λ phosphatase treated mouse brain tissue using Phospho-TAU (Ser396) antibody (87029-11-RR, Clone: 252170E5) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).