

For Research Use Only

Phospho-TAU (Thr205) Recombinant monoclonal antibody, PBS Only

Catalog Number:86669-1-PBS



Basic Information

Catalog Number: 86669-1-PBS	GenBank Accession Number: BC000558	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4137	CloneNo.: 251173E12
Isotype: IgG	UNIPROT ID: P10636	
	Full Name: microtubule-associated protein tau	
	Calculated MW: 37-46, 79-81 kDa	
	Observed MW: 45-60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Tau is hyperphosphorylated during aging and in age-related neurodegenerative diseases such as Alzheimer's disease (AD) and fronto-temporal dementia. Hyperphosphorylation of Tau leads to the formation of neurofibrillary tangles (NFT) in the neurons and glia cells, which is one of the hallmarks of AD.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

T: 4006900926

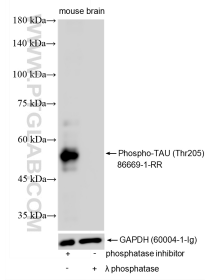
E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 86669-1-RR (Phospho-TAU (Thr205) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Phosphatase inhibitor treated and λ phosphatase treated mouse brain tissue were subjected to SDS PAGE followed by western blot with 86669-1-RR (Phospho-TAU (Thr205) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody (60004-1-Ig) as loading control. This data was developed using the same antibody clone with 86669-1-PBS in a different storage buffer formulation.