

Nur für Forschungszwecke

Phospho-Tau (Thr181) Polyklonaler Antikörper



Katalog-Nr.: 28866-1-AP

3 Publikationen

Allgemeine Informationen

Katalog-Nr.: 28866-1-AP	GenBank-Zugangsnummer: BC000558	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 230 µg/ml von Nanodrop;	GeneID (NCBI): 4137	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: microtubule-associated protein tau	
Isotyp: IgG	Berechnete Masse: 37-46, 79-81 kDa	
	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit PDGF behandelte SH-SY5Y-Zellen,
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

Tau (tubulin-associated unit) is a microtubule-associated protein (also known as MAPT), expressed mainly in neurons of the central nervous system. Its primary function is to modulate microtubule dynamics for maintaining axonal cytoskeleton. The Tau protein has six isoforms produced from a single gene through alternative RNA splicing. Isoforms differ in number of inserts at the N-terminal half and the number of repeats at the C-terminal half (3 repeat-3R; 4 repeat-4R). 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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Li Zeng	35024240	Mol Ther Nucleic Acids	IF
Kaixuan Luo	35069727	Neural Plast	WB
Guoqing Wang	36623431	Neurotoxicology	WB

Lagerung

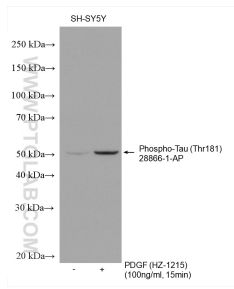
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

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



Non-treated SH-SY5Y and PDGF (HZ-1215) treated SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 28866-1-AP (Phospho-Tau (Thr181) antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.