

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-Tau (Thr181)



Numéro de catalogue: 28866-1-AP

3 Publications

## Informations de base

<b>Numéro de catalogue:</b> 28866-1-AP	<b>Numéro d'acquisition GenBank:</b> BC000558	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 230 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 4137	<b>Dilutions recommandées:</b> WB 1:500-1:1000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> microtubule-associated protein tau	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 37-46, 79-81 kDa	
	<b>MW observés:</b> 50 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules SH-SY5Y traitées au PDGF,
<b>Demandes citées:</b> WB	
<b>Spécificité de l'espèce:</b> Humain, souris	
<b>Espèces citées:</b> Humain, souris	

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Kaixuan Luo	35069727	Neural Plast	WB
Rebecca Piccarducci	37336366	Biochim Biophys Acta Mol Basis Dis	WB
Guoqing Wang	36623431	Neurotoxicology	WB

## Stockage

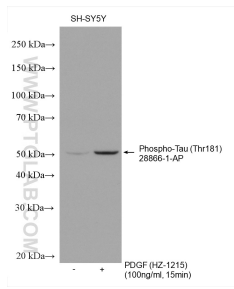
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

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## Données de validation sélectionnées



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.