

产品名称: Phospho-Tau (S202) (2Z4) Rabbit Monoclonal Antibody
产品货号: AMRe06029



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Tau (S202) (2Z4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAPT
别名 (Alternative Names)	MAPT; Microtubule-associated protein tau; MTBT1; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau
基因 ID (Gene ID)	4137.0
蛋白 ID (SwissProt ID)	P10636.A synthetic phosphopeptide corresponding to residues surrounding Ser202 of human Tau

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000
蛋白分子量 (Molecular Weight)	79kDa

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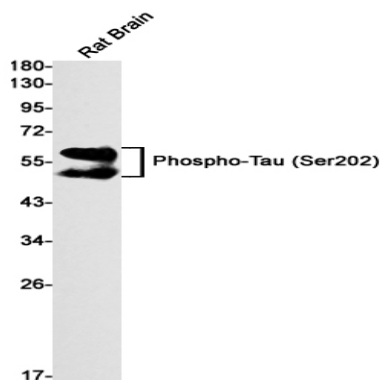
研究背景 (Background)

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. Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity (PubMed: [21985311](http://www.uniprot.org/citations/21985311)). 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 (PubMed: [21985311](http://www.uniprot.org/citations/21985311), PubMed: [32961270](http://www.uniprot.org/citations/32961270)). Axonal polarity is predetermined by TAU/MAPT localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.

研究领域 (Research Area)

MAPK_ERK_Growth;MAPK_G_Protein;Alzheimer's disease

图片 (Image Data)



Western blot detection of Phospho-Tau (Ser202) in Rat Brain lysates using Phospho-Tau (Ser202) antibody(1:1000 diluted).

注意事项 (Note)

For research use only .