

## Phospho-Tau-T181 polyclonal antibody

Catalog: BS79505

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

74kDa

### Swiss-Prot:

P10636-5

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000

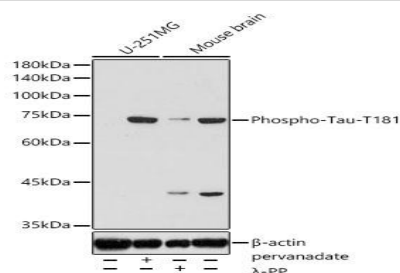
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Modification:

Phosphorylated

### DATA:



Western blot analysis of extracts of various cell lines, using Phospho-Tau-T181 antibody at 1:500 dilution. U-251MG cells were treated by pervanadate at 37°C for 30 minutes after serum-starvation overnight. Mouse brain were treated by λ-PP mixed solution at 30°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

### Note:

For research use only, not for use in diagnostic procedure.

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