

AP1324

Leader in Biomolecular Solutions for Life Science



Phospho-Tau-T181 Rabbit mAb

Catalog No.: AP1324

Recombinant

Basic Information

Observed MW

50-80kDa

Calculated MW

79kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC54951

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.

Recommended Dilutions

WB 1:2000 - 1:20000

Immunogen Information

Gene ID

4137

Swiss Prot

P10636

Immunogen

A synthetic phosphorylated peptide around T181 of human Phospho-Tau-T181 (NP_001190181.1).

Synonyms

TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; tau-40; FTDP-17; PPP1R103; Tau-PHF6; Phospho-Tau-T181

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

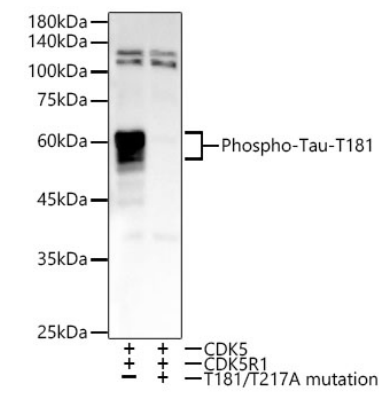
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells transfected with CDK5+CDK5R1+Tau and CDK5+CDK5R1+mutant Tau(T181/T217A) using Phospho-Tau-T181 Rabbit mAb (AP1324) at 1:20000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.