

Tau(Phospho Thr534) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP14768

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Tau around the

phosphorylation site of Thr534/217. AA range:181-230

Mol wt 78746

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Microtubule-associated protein tau

Synonyms Microtubule-associated protein tau; MAPT; MAPTL; MTBT1; TAU; Microtubule-associated protein tau;

Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

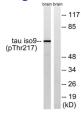
This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT 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 Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from rat brain, using Tau (Phospho-Thr534/217) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year