

AP1100

Leader in Biomolecular Solutions for Life Science



## Phospho-Tau-Ser404 Rabbit pAb

Catalog No.: AP1100

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

79kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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	1:500 - 1:2000
IF/ICC	1:50 - 1:200

### Immunogen Information

Gene ID	Swiss Prot
4137	P10636

#### Immunogen

A synthetic phosphorylated peptide around S404 of human Tau (NP\_005901.2).

#### Synonyms

TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; tau-40; FTDP-17; PPP1R103; Tau-PHF6; Phospho-Tau-Ser404

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

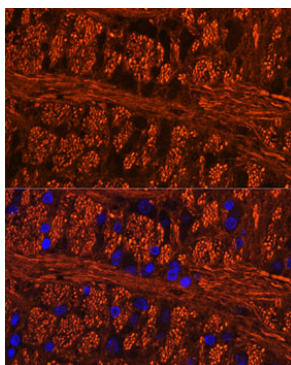
#### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

---



Immunofluorescence analysis of paraffin-embedded Rat brain using Phospho-Tau-Ser404 Rabbit pAb (AP1100) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.