

## Phospho-MAPT-T205

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**79kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding T205 of human MAPT

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17;

**Catalog #:**AP0168

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4137

**Isotype:**IgG

**Swiss Prot:**P10636

**Purity:**Affinity purification

For research use only.

**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.

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