

## Product datasheet for **TA420089**

### Phospho-Tau (MAPT) Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB,1:2000 - 1:10000   |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | A synthetic phosphorylated peptide around T217 of human Tau.  |
| Formulation:            | Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.   |
| Concentration:          | lot specific  |
| Purification:           | Affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 32-45kDa/78- 80kDa - Observed MW: 50-80kDa  |
| Gene Name:              | microtubule associated protein tau  |
| Database Link:          | <a href="#">Entrez Gene 4137 Human P10636-8</a>   |
| 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. |
| Synonyms:               | DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; TAU; tau-40; Tau-PHF6  |



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