| Cat. No: | AB-75000 |
| :--- | :--- |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | Poly |
| Concentration: | $1 \mathrm{mg} / \mathrm{ml}$ |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A phospho synthetic peptide corresponding to residues surrounding T217 of Human |
| Reactivity: | Hu, Ms, Rt |
| Applications: | Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50-1:200 |
| Molecular | Affinity purification <br> Weight: |
| Purification: | DDPAC;FTDP-17;MAPTL;MSTD;MTBT1;MTBT2;PPND;PPP1R103;TAU;MAPT;Tau |
| Synonyms: | 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. |  |



Western blot analysis of extracts of Mouse brain, using Phospho-Tau-T217 antibody at1:1000 dilution.Mouse brain were treated by $\lambda$-PP mixed solution (1ul) at $30^{\circ} \mathrm{C}$ for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG $(H+L)$ at 1:10000
dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 90s.


Immunohistochemistry of paraffin embedded human brain using Phospho-Tau-T217 Rabbit pAb at dilution of 1:50 (40x lens).


Immunohistochemistry of paraffin embedded mouse brain using Phospho-Tau-T217 Rabbit pAb at dilution of 1:50 (40x lens).


Immunohistochemistry of paraffin embedded rat brain using Phospho-TauT217 Rabbit pAb at dilution of 1:50 (40x lens).

