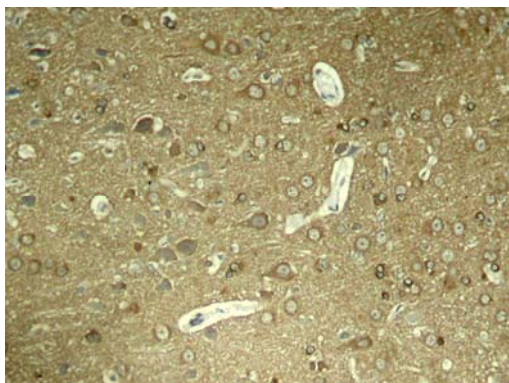




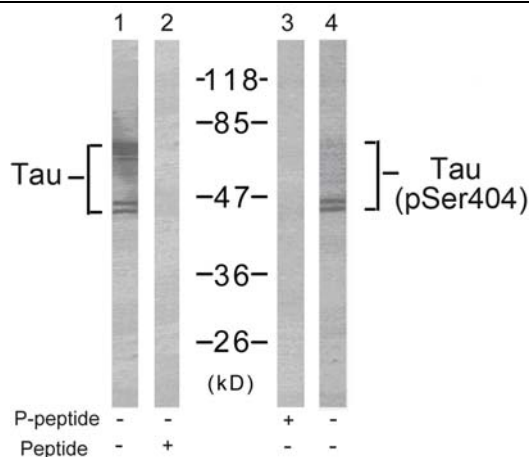
## Tau (Phospho-Ser404) Antibody Blocking Peptide

#51112

- Catalog Number:** 51112
- Amount:** 100µg/100µl
- Form of Peptide:** Peptide in 10 mM phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.
- Peptide Information:** The synthesized phosphopeptide was derived from human Tau around the phosphorylation site of serine 404 (D-T-S<sup>P</sup>-P-R).
- Storage:** Store at -20°C.
- Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.
- Specificity:** The peptide specifically blocks the signal of Tau (phospho-Ser404) antibody (#11112) completely in Western blotting and IHC.
- Applications:** For Western blotting: add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.
- References:** Li G, Yin H, et.al. (2004) J Biol Chem ; 279(16): 15938-45.  
Noble W, et al. (2003) Neuron ; 38(4): 555-65.  
Giasson BI, et al.(2002).. Biochemistry; 41(51): 15376-87.  
Lee G., et.al. (1989). Neuron 2:1615-1624.  
Andreadis A.,et.al. (1992) Biochemistry 31:10626-10633.



Immunohistochemical analysis of paraffin-embedded rat hippocampal region tissue from a model with Alzheimer's Disease using Tau (phospho-Ser404) antibody (#11112).



Western blot analysis of extract from mouse brain tissue using Tau (Ab-404) antibody (#21101, Lane 1 and 2) and Tau (phospho-Ser404) antibody (#11112, Lane 3 and 4).

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