Recombinant Phospho-Tau (Ser202, Thr205) Monoclonal Antibody

catalog number: AN300378L

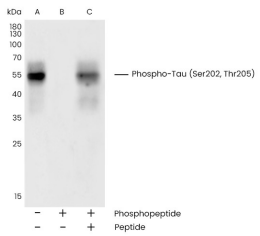
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic phosphopeptide corresponding to residues around
Host	Rabbit
Isotype	IgG
Clone	6H9
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications	Recommended Dilution
WB	1:2000-1:10000

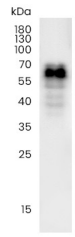
Data



Western blot analysis of extracts from mouse brain (line A); treated with antigen-specific phosphopeptide (line B) or antigen-specific peptide (line C) using Phospho-Tau (Ser202, Thr205) rabbit monoclonal Antibody at 1:2000 dilution.. (Validation Experiment)

Observed-MW:50-80 kDa

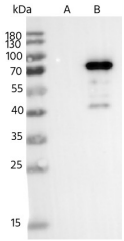
Calculated-MW:78 kDa



Western blot analysis of extracts from rat brain using Phospho-Tau (Ser202, Thr205) rabbit monoclonal Antibody at 1:5000 dilution..

Observed-MW:50-80 kDa

Calculated-MW:78 kDa



Western blot analysis of 200 ng Recombinant Human Tau Protein (Full Length) (line A) and 200 ng Recombinant Human Tau Protein (Full Length), GSK3beta-phosphorylated (line B) using Phospho-Tau (Ser202, Thr205) Rabbit Monoclonal Antibody at 1:5000 dilution..

Observed-MW:50-80 kDa

Calculated-MW:78 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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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