

Recombinant Phospho-Tau (Thr217) Monoclonal Antibody

catalog number: **AN300377L**

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

Description

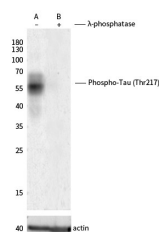
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the residues around Thr217 of Human Phospho-Tau
Host	Rabbit
Isotype	IgG
Clone	6H8
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL protein protectant, 50% glycerol, pH 7.5

Applications

Recommended Dilution

WB 1:1000-1:5000

Data



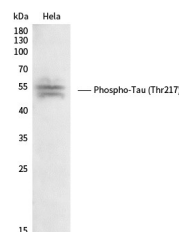
Western blot analysis of extracts from mouse brain, untreated (line A); treated with λ -phosphatase (line B) using Phospho-Tau (Thr217) rabbit monoclonal Antibody at 1:2000 dilution.. (Validation Experiment)

Observed-MW:50-70 kDa
Calculated-MW:46 kDa



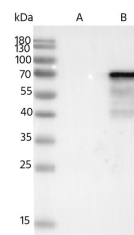
Western blot analysis of extracts from Rat brain using Phospho-Tau (Thr217) rabbit monoclonal Antibody at 1:10000 dilution..

Observed-MW:50-70 kDa
Calculated-MW:46 kDa



Western blot analysis of extracts from Hela using Phospho-Tau (Thr217) rabbit monoclonal Antibody at 1:1000 dilution.. (Validation Experiment)

Observed-MW:50-70 kDa
Calculated-MW:46 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 (Thr217) Rabbit Monoclonal Antibody at 1:5000 dilution..

Observed-MW:50-70 kDa
Calculated-MW:46 kDa

Preparation & Storage

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.0

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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