Tau Polyclonal Antibody

catalog number: E-AB-70075

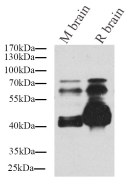
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Tau
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:500

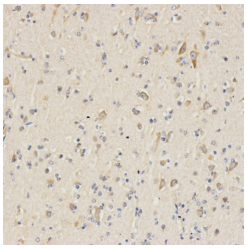
Data



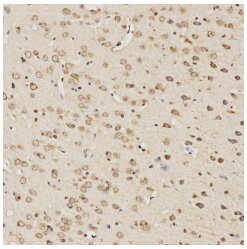
Western Blot analysis of various samples using Tau Polyclonal Antibody at dilution of 1:1000.

Observed-MV:40-70 kDa

Calculated-MV:40-70 kDa



Immunohistochemistry analysis of paraffin-embedded human brain using Tau Polyclonal Antibody at dilution of 1:100.



Immunohistochemistry analysis of paraffin-embedded rat brain using Tau Polyclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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