## **Tau Polyclonal Antibody**

Catalog Number: E-AB-60186



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

### Description

Reactivity Human, Mouse, Rat

**Immunogen** A synthetic peptide of human Tau (NP\_001116538).

Host Rabbit
Isotype IgG

**Purification** Affinity purification

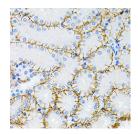
**Conjugation** Unconjugated

**Formulation** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

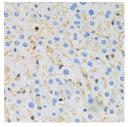
### **Applications** Recommended Dilution

IHC 1:100-1:200 IF 1:50-1:200

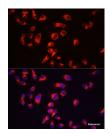
#### Data



Immunohistochemistry of paraffin-embedded Mouse kidney using Tau Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse liver using Tau Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A431 cells using Tau Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## **Preparation & Storage**

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### **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

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degeneration and progressive supranuclear palsy.

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