



A Reliable Research Partner in Life Science and Medicine

# **Recombinant Tau Monoclonal Antibody**

catalog number: AN300622L

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

### Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Tau protein

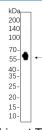
HostRabbitIsotypeIgG,κCloneB557PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

#### Data



Western Blot with Recombinant Tau Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse brain whole cell lysate.

Observed-MW:50-80 kDa Calculated-MW:79 kDa

## Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid 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.