# Recombinant Phospho-Tau (Ser396) Monoclonal Antibody

**catalog number:** **AN301134L**

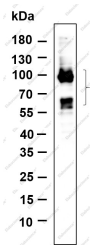
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | A synthetic peptide corresponding to residues around (Ser396) of Human Phospho-Tau |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C110757 |
| **Purification** | Protein A |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:200-1:1000 |
| **WB** | 1:2000-1:10000 |
| **IF** | 1:200-1:1000 |
| **ELISA** | 1:5000-1:20000 |

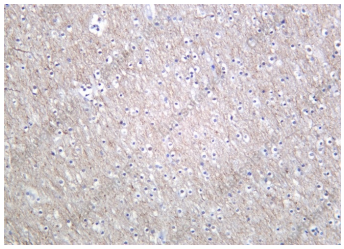
## Data




Western Blot with Recombinant Phospho-Tau (Ser396) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Neuro-2a.

**Observed-MW:55-130 kDa**

**Calculated-MW:79 kDa**



Immunohistochemistry of paraffin-embedded human brain using Recombinant Phospho-Tau (Ser396) Monoclonal Antibody at dilution of 1:200.

## Preparation & 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.


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