

**Product Name: Phospho-Tau (Ser202) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe84882**

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## Summary

|                        |                                                 |
|------------------------|-------------------------------------------------|
| <b>Production Name</b> | Phospho-Tau (Ser202) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody                      |
| <b>Host</b>            | Rabbit                                          |
| <b>Application</b>     | WB,IP                                           |
| <b>Reactivity</b>      | Human,Mouse,Rat                                 |

## Performance

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                               |
| <b>Modification</b> | Phosphorylated                                                                             |
| <b>Isotype</b>      | IgG                                                                                        |
| <b>Clonality</b>    | Monoclonal                                                                                 |
| <b>Form</b>         | Liquid                                                                                     |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.   |
| <b>Buffer</b>       | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| <b>Purification</b> | Affinity Purification                                                                      |

## Immunogen

|                          |                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | Phospho-Tau (Ser202)                                                                                                              |
| <b>Alternative Names</b> | MAPT; MAPTL; MTBT1; TAU; Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau |
| <b>Gene ID</b>           | 4137.0                                                                                                                            |
| <b>SwissProt ID</b>      | P10636.A synthetic phosphopeptide corresponding to residues surrounding Ser202 of human Tau                                       |

## Application

|                         |                                               |
|-------------------------|-----------------------------------------------|
| <b>Dilution Ratio</b>   | WB:1:500-1:1000,IP:1:10-1:20                  |
| <b>Molecular Weight</b> | Calculated MW: 79 kDa; Observed MW: 50-80 kDa |

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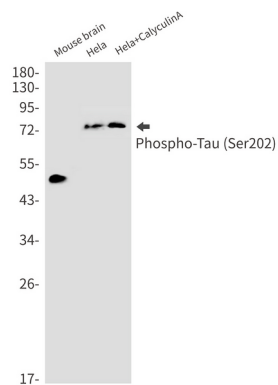
## Background

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.

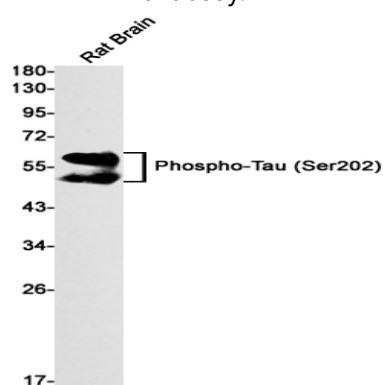
## Research Area

MAPK signaling pathway

## Image Data



Western blot analysis of Phospho-Tau (Ser202) in mouse brain, Hela, Hela+CalyculinA lysates using Phospho-Tau (Ser202) antibody.



Western blot analysis of Phospho-Tau (Ser202) in rat Brain lysates using Phospho-Tau (Ser202) antibody.

## Note

For research use only.