

## Rabbit MAPT Polyclonal Antibody | anti-MAPT antibody

Phospho-MAPT (Ser404) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA243359 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

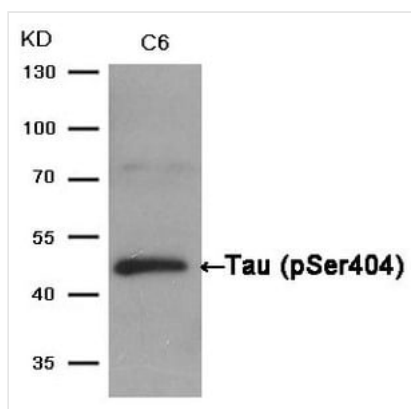
### PRODUCT SYNONYMS

MAPT; Polyclonal Antibody; Phospho-MAPT (Ser404) Antibody; MTAPT; MTBT1; Neurofibrillary tangle protein; PHF-tau; anti-MAPT antibody

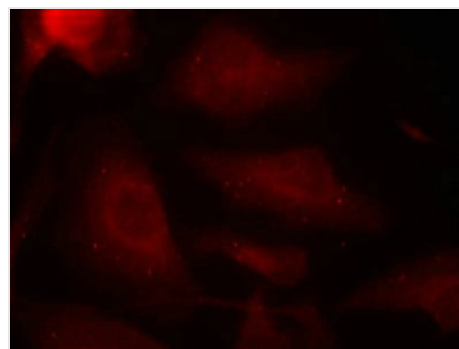
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                       |
| Isotype                                        | IgG                                                                                                                                                                                                                                                              |
| Purity/Purification                            | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |
| Form/Format                                    | Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                                                                             |
| Applicable Applications for anti-MAPT antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                    |
| Immunogen                                      | Peptide sequence around phosphorylation site of serine 404 (D-T-S(p)-P-R) derived from Human Tau.                                                                                                                                                                |
| Immunogen Species                              | Human                                                                                                                                                                                                                                                            |
| Conjugate                                      | Non-conjugated                                                                                                                                                                                                                                                   |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                                                                                                      |

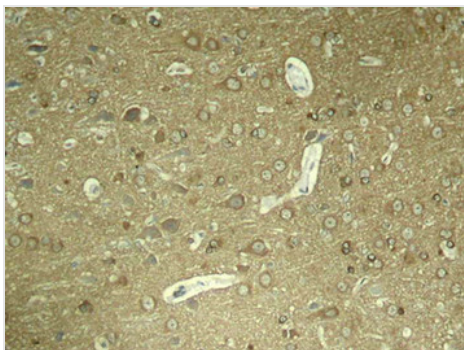
### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from C6 cells using Tau(Phospho-Ser404) Antibody.

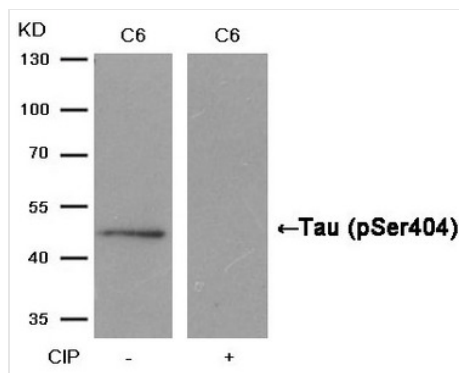

**IF (Immunofluorescence)**

Immunofluorescence staining of methanol-fixed HeLa cells using Tau(Phospho-Ser404) Antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat hippocampal region tissue from a model with Alzheimer's



#### WB (Western Blot)

Western blot analysis of extracts from C6 cells, treated with calf intestinal phosphatase (CIP), using Tau (Phospho-Ser404) Antibody.

## ADDITIONAL INFORMATION

|                                                  |              |
|--------------------------------------------------|--------------|
| Product Categories/Family for anti-MAPT antibody | Neuroscience |
|--------------------------------------------------|--------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 294862258                                                                                                                                                                                                    |
| NCBI GeneID                      | 4137                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001116538.2                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001123066.3                                                                                                                                                                                               |
| UniProt Accession #              | P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZ17; Q5XWFO; Q6QT54; Q9UDJ3                                                                                                               |
| Molecular Weight                 | 78,928 Da                                                                                                                                                                                                    |
| NCBI Official Full Name          | microtubule-associated protein tau isoform 6                                                                                                                                                                 |
| NCBI Official Synonym Full Names | microtubule-associated protein tau                                                                                                                                                                           |
| NCBI Official Symbol             | MAPT                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17                                                                                                                                                         |
| NCBI Protein Information         | microtubule-associated protein tau; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; G protein beta1/gamma2 subunit-interacting factor 1 |
| UniProt Protein Name             | Microtubule-associated protein tau                                                                                                                                                                           |
| UniProt Gene Name                | MAPT                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | MAPTL; MTBT1; TAU; PHF-tau                                                                                                                                                                                   |
| UniProt Entry Name               | TAU_HUMAN                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mapt-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243359>