

Rabbit MAP2 Polyclonal Antibody | anti-MAP2 antibody

MAP2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36640	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAP2; Polyclonal Antibody; MAP2 Polyclonal Antibody; MAP2A; MAP2B; MAP2C; anti-MAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	1827
Applicable Applications for anti-MAP2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MAP2
Calculated Molecular Weight	59kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using MAP2 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MAP2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2 antibody	MAP2 (microtubule-associated protein 2) is a cytoskeleton protein abundant in brain and has important role in neuronal morphogenesis. Multiple high molecular weight (MW) and low molecular weight (MW) MAP2 isoforms are expressed within axons, dendrites, and cell bodies. The expression of MAP2 is regulated in both a tissue- and developmentally specific manner. The 280 kD MAP2B is present throughout rat brain development, and the slightly larger MAP2A appears first during the end of the second week of postnatal life. MAP2C, composed of several bands of about 70 kD, is present during early brain development, and largely disappears from the mature brain except for the retina, olfactory bulb, and cerebellum. MAP2 antibodies have been widely used to mark the neuron or dendrite formation. This antibody can recognize both high MW and low MW isoforms of MAP2.
Product Categories/Family for anti-MAP2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274255
NCBI GeneID	4133
UniProt Accession #	P11137; Q17S04; Q8IUX2; Q99975; Q99976
Molecular Weight	1827
NCBI Official Full Name	Microtubule-associated protein 2
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	MAP2
NCBI Official Synonym Symbols	MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 2; MAP-2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	MAP2
UniProt Synonym Gene Names	MAP-2
UniProt Entry Name	MTAP2_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/map2-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/36640>