

Goat MAP2 Polyclonal Antibody | anti-MAP2 antibody

MAP2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76592	Goat	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

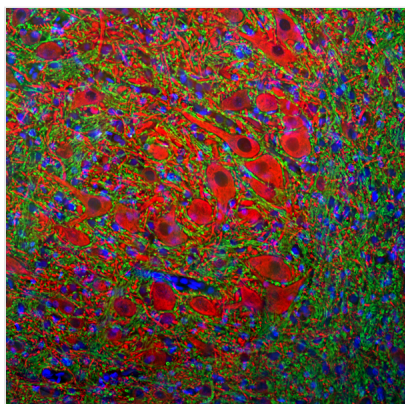
PRODUCT SYNONYMS

MAP2; Polyclonal Antibody; anti-MAP2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified liquid antibody in 50% PBS, 50% glycerol plus 5mM of Sodium Azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	1827
Applicable Applications for anti-MAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen Sequences	Recombinant Human, amino acid sequences 377-15405
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20° C in a manual defrost freezer for six months without detectable loss of activity The antibody can be stored at 2-8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of rat brain stem section stained with goat pAb to MAP2, (AAA76592), dilution 1:2,000 in red, and costained with mouse mAb to MBP, dilution 1:5,000, in green. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with above antibodies. The goat MAP2 antibody labels MAP2 protein in the perikarya and dendrites of the most neurons, notably motoneurons in the brain stem, and the MBP antibody stains myelin sheath around axons.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2 antibody	This antibody was raised against recombinant human “projection domain”, amino acids 377-1505; which are expressed in MAP2A and MAP2B. MAP2 isoforms are expressed only in neuronal cells and specifically in perikarya and dendrites of neurons; therefore, MAP2 makes an excellent marker for neuronal cells. MAP2A and MAP2B isoforms are expressed later in neuronal development than MAP2C and MAP2D. MAP2A and MAP2B isoforms appear at ~280kDa on SDS-PAGE gels.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87578396
NCBI GeneID	4133
NCBI Accession #	NP_002365.3
NCBI GenBank Nucleotide #	NM_002374.3
UniProt Accession #	P11137
NCBI Official Full Name	microtubule-associated protein 2 isoform 1
NCBI Official Synonym Full Names	microtubule associated protein 2
NCBI Official Symbol	MAP2
NCBI Official Synonym Symbols	MAP-2; MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 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://www.aaabiotech.com/polyclonal/map2-antibody-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76592>