

Rabbit anti-Human MAP2 Polyclonal Antibody | anti-MAP2 antibody

MAP2 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201479	Rabbit	Human	Immunohistochemistry, Western Blot

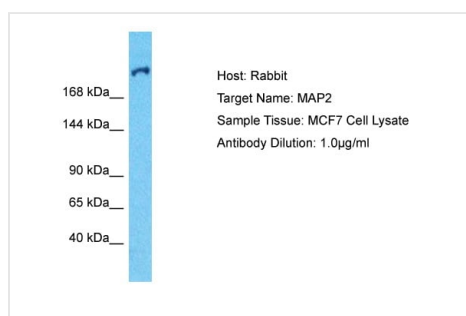
PRODUCT SYNONYMS

MAP2; Polyclonal Antibody; MAP2 Antibody - N-terminal region; anti-MAP2 antibody

PRODUCT SPECIFICATIONS

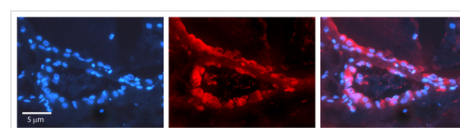
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TP STAEPDQKE KESEKQSKPG EDLKHAALVS QPETTKTYPD KKDMQGTE
Sequence Length	1827
Applicable Applications for anti-MAP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human MAP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: MAP2 Sample Type: MCF7 Whole Cell lysates Antibody Dilution: 1.0 µg/ml



IHC (Immunohistochemistry)

Rabbit Anti-MAP2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Thyroid Gland Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2 antibody	This is a rabbit polyclonal antibody against MAP2. It was validated on Western Blot Target Description: This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described.
Product Categories/Family for anti-MAP2 antibody	Polyclonal ; Neurobiology ; Developmental Biology ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	87578396
NCBI GeneID	4133
NCBI Accession #	NP_002365.3
NCBI GenBank Nucleotide #	NM_002374.3
UniProt Accession #	P11137
Molecular Weight	200kDa
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://stage.aaabiotech.com/polyclonal/map2-antibody-immunohistochemistry-western-blot-elisa/201479>