

Rabbit anti-Human, Mouse Map2 Polyclonal Antibody | anti-Map2 antibody

Map2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304694	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Map2; Polyclonal Antibody; Map2 Antibody; microtubule-associated protein 2; MAP2A; MAP2B; MAP2C; anti-Map2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Map2 protein.
Form/Format	Supplied at 1.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1828
Applicable Applications for anti-Map2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 32~45 amino acids of mouse microtubule-associated protein 2
Target Name	Map2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human colon cancer tissue using 31273 (Map2 Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.



Application Data

Gel: 8%+10%+12%SDS-PAGE Lysate: 50 ug Human lymphoma tissue lysate Primary antibody: 1/400 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 90 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-Map2 antibody	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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	568905901
NCBI GeneID	17756
NCBI Accession #	XP_006495817.1
NCBI GenBank Nucleotide #	XM_006495754.2
UniProt Accession #	P20357; E9QLE1
Molecular Weight	199,132 Da
NCBI Official Full Name	microtubule-associated protein 2 isoform X10
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	Map2
NCBI Official Synonym Symbols	MAP-2; Mtap2; Mtap-2; repro4; G1-397-34
NCBI Protein Information	microtubule-associated protein 2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	Map2
UniProt Synonym Gene Names	Mtap2; MAP-2
UniProt Entry Name	MTAP2_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/map2-antibody-immunohistochemistry-western-blot-elisa/304694>