

MAP2 (N-terminus) Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52687

Product Information

Primary Accession	P11137
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	199526

Additional Information

Gene ID	4133
Other Names	DKFZp686I2148;Dendrite specific MAP;DKFZp686I2148;MAP 2;MAP dendrite specific;MAP-2; MAP2;MAP2A;MAP2B;MAP2C;Microtubule associated protein 2;Microtubule-associated protein 2;Mtap 2;MTAP2_HUMAN.
Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150mM NaCl)with 0.09% (W/V)sodium azide,0.1%BSA,50%glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	MAP2
Function	The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.
Cellular Location	Cytoplasm, cytoskeleton. Cell projection, dendrite {ECO:0000250 UniProtKB:P20357}

Background

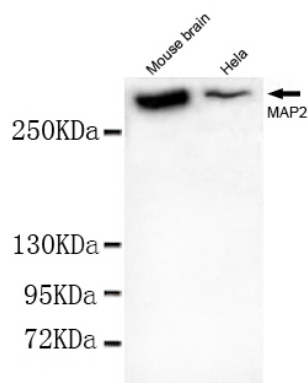
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References

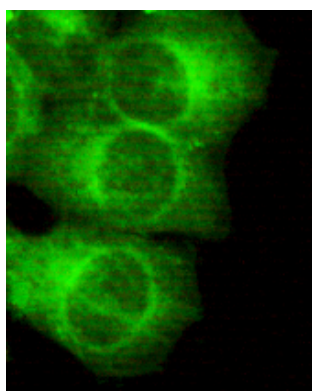
Price R.,et al.Submitted (SEP-1993) to the EMBL/GenBank/DDBJ databases.

Albala J.S.,et al.Gene 136:377-378(1993).
 Hillier L.W.,et al.Nature 434:724-731(2005).
 Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
 Dammerman M.,et al.J. Neurosci. Res. 24:487-495(1989).

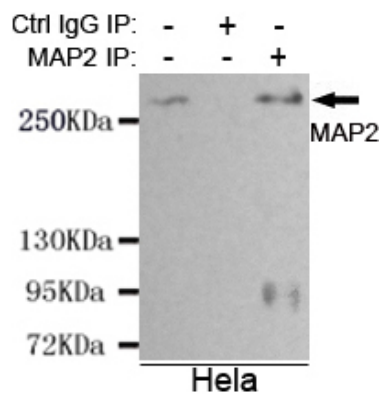
Images



Western blot detection of MAP2(N-terminus) in Mouse Brain tissue and HeLa cell lysates using MAP2(N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 202KDa. Observed band size: 300KDa.



Immunocytochemistry of HeLa cells using anti-MAP2 (N-terminus) mouse mAb diluted 1:150.



Immunoprecipitation analysis of HeLa cell lysates using MAP2 (N-terminus) mouse mAb.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.