

MAP2 (N-terminus) Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52687

Specification

MAP2 (N-terminus) Antibody - Product Information

Application	IP, WB, ICC
Primary Accession	P11137
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	300 KDa

MAP2 (N-terminus) Antibody - 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.

Dilution

IP~~1:500
WB~~1:1000
ICC~~1:150

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 -20 °C.Stable for 12 months from date of receipt

MAP2 (N-terminus) Antibody - 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

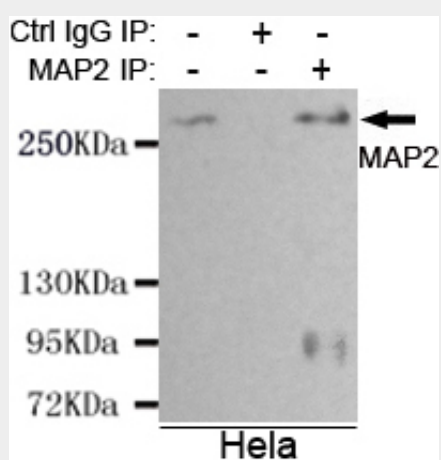
Cytoplasm, cytoskeleton. Cell projection, dendrite {ECO:0000250|UniProtKB:P20357}

MAP2 (N-terminus) Antibody - Protocols

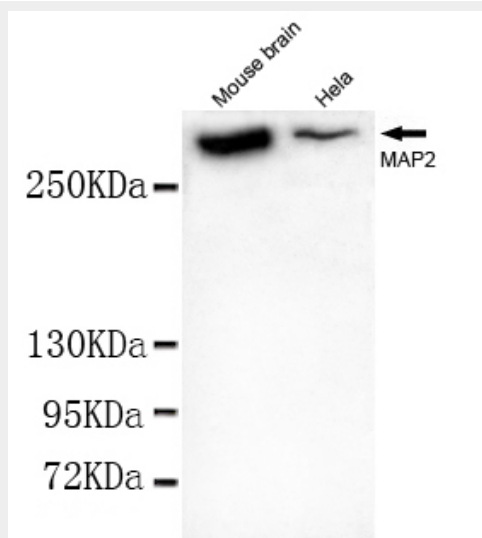
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

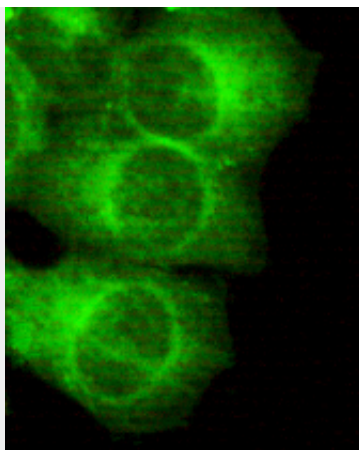
MAP2 (N-terminus) Antibody - Images



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



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.

MAP2 (N-terminus) Antibody - Background

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.

MAP2 (N-terminus) Antibody - 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).