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BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-MAP2 Antibody

Catalog Number: A01201-1

About MAP2

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.

DeGiorgis J.A., Jaffe H., Moreira J.E., Carlotti C.G. Jr. Proteome Res. 4:306-315(2005)
Olsen J.V., Blagoev B., Gnad F., Macek B. Mann M.Cell 127:635-648(2006)
Matsuoka S., Ballif B.A., Smogorzewska A., McDonald E.R. Science 316:1160-1166(2007)

Overview

Product Name	Anti-MAP2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MAP2 Antibody (Catalog # A01201-1). Tested in WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal 2D3
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11137

Technical Details

Immunogen	Peptide sequence around aa.1819~1823 (T-A-A-L-A) derived from Human MAP2.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit, Yeast, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

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Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Predicted MW: 55-75(2c/2d), 280(2a/2b)kd Western blotting: 1:500~1:1000 Immunofluorescence: 1:100~1:200

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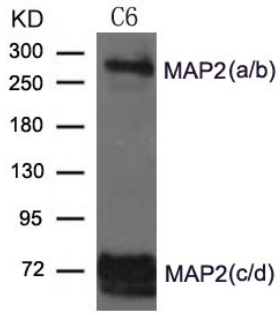
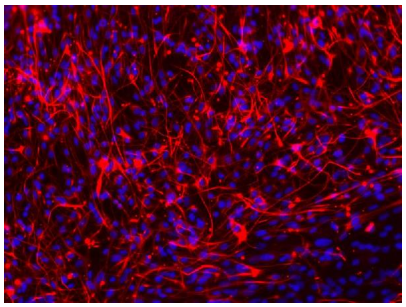
Anti-MAP2 Antibody (A01201-1) Images



Western blot analysis of extract from C6 cells using MAP2 Antibody #A01201-1



Immunofluorescence staining of paraffin-embedded Glioma cells of Spinal Cord using MAP2 Antibody #A01201-1.

19 Publications Citing This Product

1. PubMed ID: 10.4103/1673-5374.290913, Glycogen synthase kinase-3beta inhibitor SB216763 promotes DNA repair in ischemic retinal neurons

2. PubMed ID: 10.1186/s12974-021-02248-2, Tauroursodeoxycholic acid alleviates secondary injury in spinal cord injury mice by reducing oxidative stress, apoptosis, and inflammatory response

3. PubMed ID: -,

Tauroursodeoxycholic Acid Alleviates Secondary Injury in Spinal Cord Injury Mice Through Reducing Oxidative Stress

Authors: Yonghui Hou,Jiyao Luan,Tiancheng Deng et al.

Visit bosterbio.com/anti-map2-antibody-a01201-1-boster.html to see all 19 publications.

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