

Map2 Rabbit pAb

Catalog NO.: A3278

Basic Information

Observed MW

80kDa

Calculated MW

200kDa

Category

Polyclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Conjugation

Unconjugated

Background

Enables microtubule binding activity. Involved in microtubule cytoskeleton organization; negative regulation of axon extension; and regulation of protein localization. Acts upstream of or within several processes, including establishment of cell polarity; microtubule bundle formation; and neuron projection development. Located in several cellular components, including axon; dendrite; and proximal neuron projection. Is expressed in several structures, including back skin; central nervous system; peripheral nervous system ganglion; retina; and trigeminal nerve. Orthologous to human MAP2 (microtubule associated protein 2).

Recommended Dilutions

WB 1: 100-1: 500

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

17756

Swiss Prot

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MAP-2; Mtap2; Mtap-2; repro4; G1-397-34; Map2

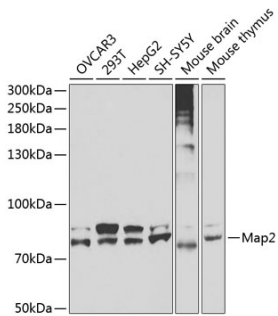
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.		

Validation Data



Western blot analysis of various lysates using Map2 Rabbit pAb (A3278) at 1:400 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.

