

# Map2 Rabbit pAb

Catalog No.: A3278

## Basic Information

### Observed MW

80kDa

### Calculated MW

200kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## 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

## Immunogen Information

### Gene ID

17756

### Swiss Prot

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Map2 (P11137).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

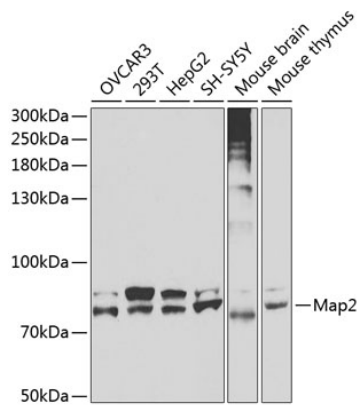
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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