## **MAP2 Rabbit Polyclonal Antibody**



## **CAB2572**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

70kDa

**Calculated MW:** 

49kDa/58kDa/199kDa

**Applications:** 

WB IHC IF

Reactivity:

Human, Mouse, Rat

**Protein Background** 

This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dentrites, implicating a role in determining and stabilizing dentritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described.

Immunogen information

**Gene ID:** 4133

**Uniprot** P11137

**Synonyms:** 

MAP2; MAP2A; MAP2B; MAP2C; Map2

**Antibody Information** 

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Store

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 260-559 of human MAP2 (NP\_001034627.1).

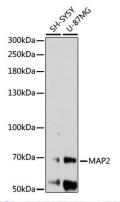
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

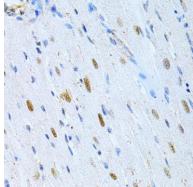
**Purification:** 

Affinity purification

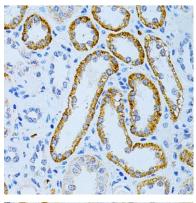
## **Product Images**



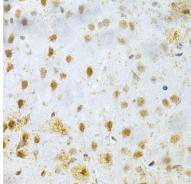
Western blot analysis of extracts of various cell lines, using MAP2 antibody (CAB2572) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 5min.



Immunohistochemistry of paraffin-embedded rat heart using MAP2 Antibody (CAB2572) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human kidney cancer using MAP2 Antibody (CAB2572) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using MAP2 Antibody (CAB2572) at dilution of 1:200 (40x lens).