MAP1B Rabbit Polyclonal Antibody

CAB3305

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

350kDa

Calculated MW:

270kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:200 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

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 product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1B heavy chain and LC1 light chain. Gene knockout studies of the mouse microtubule-associated protein 1B gene suggested an important role in development and function of the nervous system.

Immunogen information

Gene ID:
4131

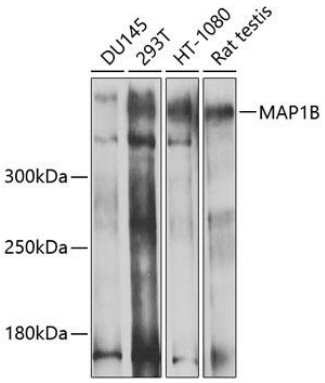
Uniprot
P46821

Synonyms:
MAP1B; FUTSCH; MAP5; PPP1R102

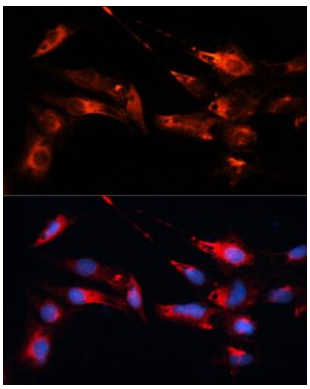
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1820-2100 of human MAP1B (NP_005900.2).

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

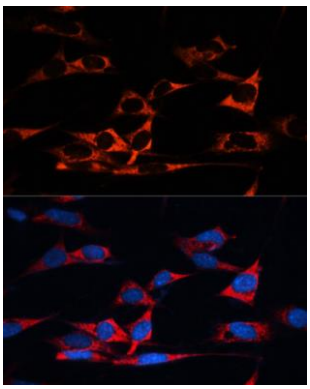
Product Images



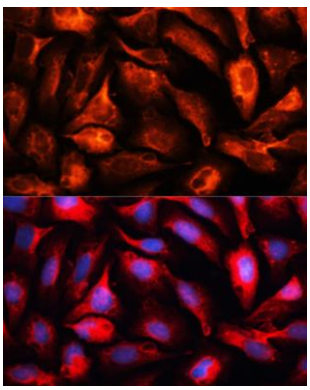
Western blot analysis of extracts of various cell lines, using MAP1B antibody (CAB3305) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunofluorescence analysis of C6 cells using MAP1B antibody (CAB3305) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using MAP1B antibody (CAB3305) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using MAP1B antibody (CAB3305) at dilution of 1:100. Blue: DAPI for nuclear staining.

