MAP1LC3A Rabbit Polyclonal Antibody

CAB11438

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

18kDa

Calculated MW:

14kDa

Applications:

WB IHC

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis.

Immunogen information

Gene ID:
84557

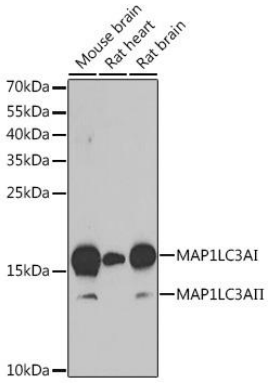
Uniprot
Q9H492

Synonyms:
MAP1LC3A; ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3

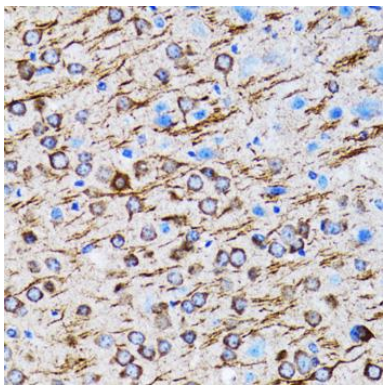
Immunogen:
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MAP1LC3A (NP_115903.1).

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

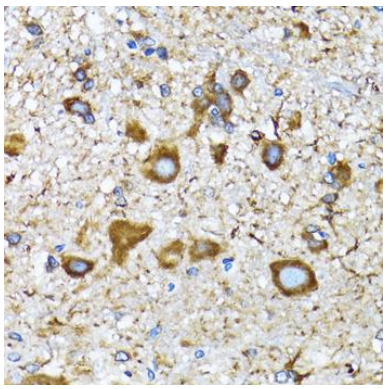
Product Images



Western blot analysis of extracts of various cell lines, using MAP1LC3A antibody (CAB11438) 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: 90s.



Immunohistochemistry of paraffin-embedded rat brain using MAP1LC3A antibody (CAB11438) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using MAP1LC3A antibody (CAB11438) at dilution of 1:100 (40x lens).

