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MAP1LC3B Rabbit pAb

Catalog No.: A21800

Basic Information

Observed MW
14kDa,16kDa

Calculated MW
14kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Rat

Background

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
81631

Swiss Prot
Q9GZQ8

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1-50 of human MAP1LC3B (NP_073729.1).

Synonyms
LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3; 3B

Contact

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Product Information

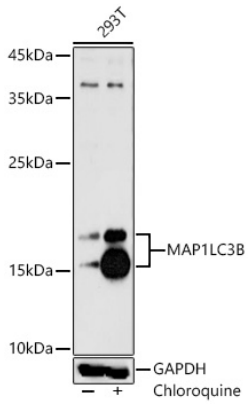
Source
Rabbit

Isotype
IgG

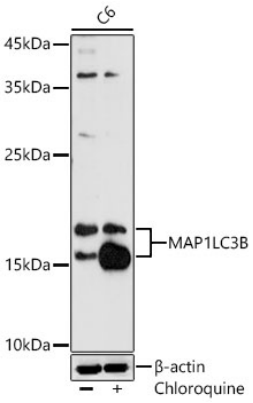
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells using MAP1LC3B Rabbit pAb (A21800) at 1:1000 dilution.
293T cells were treated by Chloroquine (50 μM) at 37℃ for 20 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of lysates from C6 cells using MAP1LC3B Rabbit pAb (A21800) at 1:1000 dilution. C6 cells were treated by Chloroquine (50 μM) at 37℃ for 20 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.