

MAP1LC3B Rabbit pAb

Catalog No.: A21800

Basic Information

Observed MW

14kDa,16kDa

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA,WB

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

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

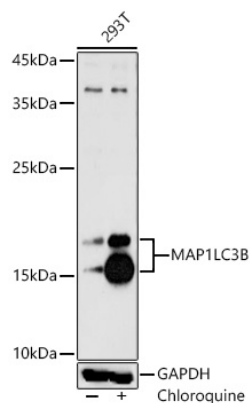
Affinity purification

Storage

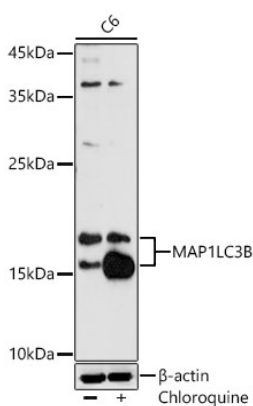
Store at -20°C. Avoid freeze / thaw cycles.

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 μ M) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g 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 μ M) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.