

MAP1LC3B

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

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

Calculated MW: 14kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human MAP1LC3B

Storage Buffer:

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

Concentration:

ch

Synonym:

LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3;

Catalog #: A7198

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 81631

Isotype: IgG

Swiss Prot: Q9GZQ8

Purity: Affinity purification

For research use only.

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.

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