

## MAP1LC3A

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:**14 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human MAP1LC3A

**Storage Buffer:**

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

**Synonym:**

LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3;

**Catalog #:**A11428

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**84557

**Isotype:**IgG

**Swiss Prot:**Q9H492

**Purity:**Affinity purification

For research use only.

**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.

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