

# MAP1LC3A Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20664c

#### **Product Information**

**Application** WB, E

Primary Accession Q9H492, Q9GZQ8
Reactivity Human, Rat, Mouse

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB46505

## **Additional Information**

Other Names Microtubule-associated proteins 1A/1B light chain 3A, Autophagy-related

protein LC3 A, Autophagy-related ubiquitin-like modifier LC3 A, MAP1 light chain 3-like protein 1, MAP1A/MAP1B light chain 3 A, MAP1A/MAP1B LC3 A,

Microtubule-associated protein 1 light chain 3 alpha, MAP1LC3A

Target/Specificity This MAP1LC3A antibody is generated from a rabbit immunized with a KLH

conjugated synthetic peptide between 100-141 amino acids from the

C-terminal region of human MAP1LC3A.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** MAP1LC3A Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

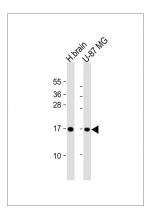
# **Background**

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.

### References

He H.,et al.J. Biol. Chem. 278:29278-29287(2003).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## **Images**



All lanes: Anti-MAP1LC3A Antibody (C-term) at 1:1000 dilution Lane 1: human brain lysate Lane 2: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.