

MAP1LC3A Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20664c

Specification

MAP1LC3A Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9H492 , Q9GZQ8
Other Accession	Q6XVN8 , Q91VR7 , Q2HJ23 , Q9H492
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig

MAP1LC3A Antibody (C-term) - 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

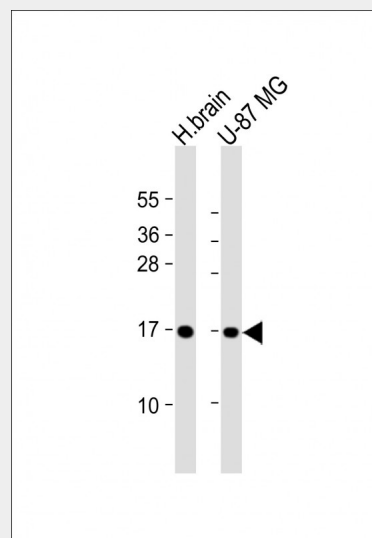
WB~~1:1000

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



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.

MAP1LC3A Antibody (C-term) - 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.

MAP1LC3A Antibody (C-term) - 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).

in small aliquots to prevent freeze-thaw cycles.

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Precautions

MAP1LC3A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAP1LC3A Antibody (C-term) - Protein Information

MAP1LC3A Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)