

Anti-MAP1LC3A antibody(N-term)

Catalog Number: M01543-2

About MAP1LC3A

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.

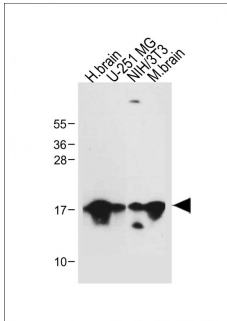
Overview

Product Name	Anti-MAP1LC3A antibody(N-term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MAP1LC3A antibody(N-term) (Catalog # M01543-2). Tested in IHC-P-Leica, WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB, IHC-P-Leica
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q9H492

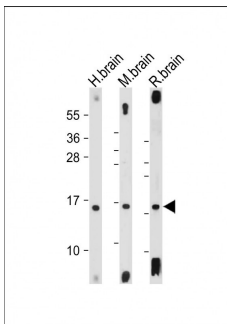
Technical Details

Immunogen	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-40 amino acids from human.
Predicted Reactive Species	Bovine, Zebrafish
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P-Leica: 1:500

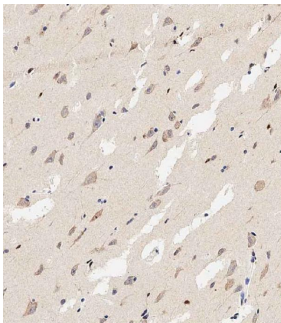
Anti-MAP1LC3A antibody(N-term) (M01543-2) Images



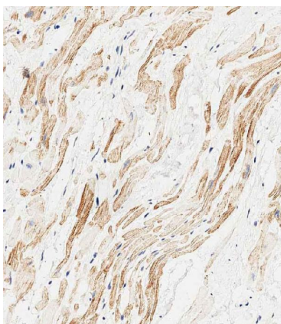
All lanes : Anti-MAP1LC3A antibody (N-term) at 1:500 dilution
Lane 1: Human brain tissue lysate
Lane 2: U-251 MG whole cell lysate
Lane 3: NIH/3T3 whole cell lysate
Lane 4: Mouse brain tissue lysate
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.



All lanes : Anti-MAP1LC3A antibody(N-term) at 1:2000 dilution
Lane 1: Human brain tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat brain tissue 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
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Immunohistochemical analysis of paraffin-embedded human brain tissue using M01543-2 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded human heart tissue using M01543-2 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

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