BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

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.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

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

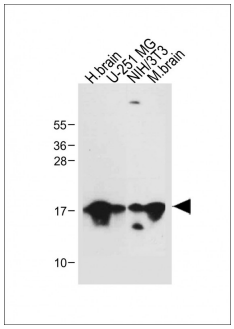
Immunogen	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-40 amino acids from human.
Predicted Reactive Species	Bovine, Zebrafish
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.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

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

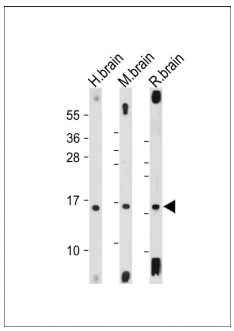
	IHC-P-Leica: 1:500

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

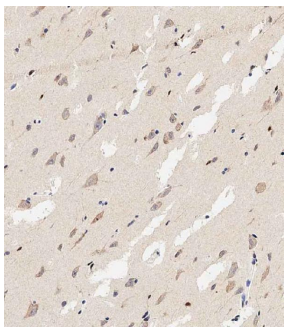
Anti-MAP1LC3A antibody(N-term) (M01543-2) Images



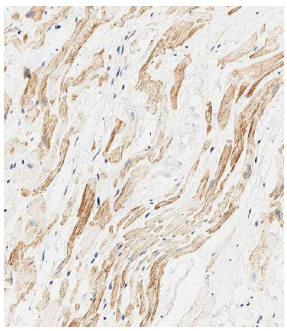
All lanes : Anti-MAP1LC3A antibody (N-term) at 1:500 dilutionLane 1: Human brain tissue lysateLane 2: U-251 MG whole cell lysateLane 3: NIH/3T3 whole cell lysateLane 4: Mouse brain tissue lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-MAP1LC3A antibody(N-term) at 1:2000 dilutionLane 1: Human brain tissue lysateLane 2: Mouse brain tissue lysateLane 3: Rat brain tissue lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



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.

For Research Use Only. Not for use in diagnostic procedures.