

Datasheet for ABIN7441658

anti-MAP1LC3A antibody (AA 1-120)



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2 Images

Overview

Quantity:	100 µL
Target:	MAP1LC3A
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP1LC3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a)
Immunogen:	Recombinant Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a) corresponding to Met1~Gly120 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MAP1LC3a. It has been selected for its ability to recognize MAP1LC3a in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

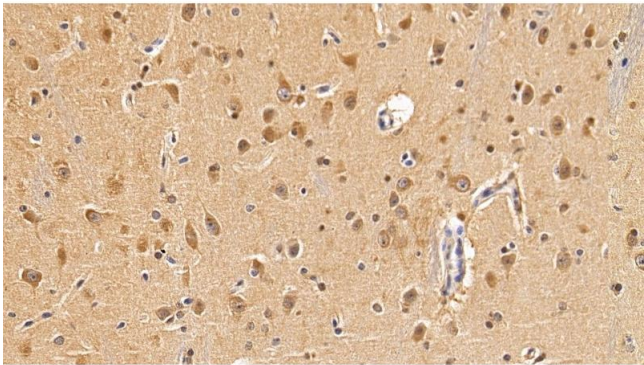
Target:	MAP1LC3A
Alternative Name:	MAP1LC3a (MAP1LC3A Products)
Background:	MAP1ALC3, MAP1BLC3, LC3, LC3A, ATG8E, Autophagy-related ubiquitin-like modifier LC3 A, MAP1 light chain 3-like protein 1
UniProt:	Q9H492
Pathways:	Autophagy

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

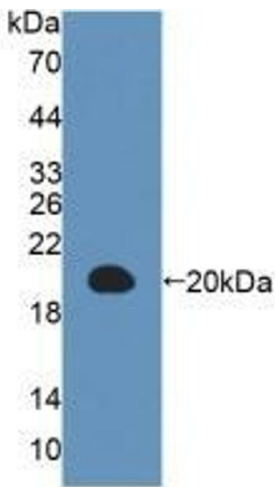
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of MAP1LC3a in Human Cerebrum Tissue using Polyclonal Antibody to Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a)



Western Blotting

Image 2. Detection of Recombinant MAP1LC3a, Human using Polyclonal Antibody to Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a)