

Datasheet for ABIN7159783
anti-LC3B antibody (AA 2-100) (Biotin)



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Overview

Quantity:	100 µg
Target:	LC3B (MAP1LC3B)
Binding Specificity:	AA 2-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LC3B antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Microtubule-associated proteins 1A/1B light chain 3B protein (2-100AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	MAP1LC3B (MAP1LC3B Products)
Background:	Background: Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial

Target Details

quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation. Promotes primary ciliogenesis by removing OFD1 from centriolar satellites via the autophagic pathway.

Aliases: ATG8F antibody, Autophagy-related protein LC3 B antibody, Autophagy-related ubiquitin-like modifier LC3 B antibody, LC3B antibody, LC3II antibody, MAP1 light chain 3 like protein 2 antibody, MAP1 light chain 3-like protein 2 antibody, MAP1A/1BLC3 antibody, MAP1A/MAP1B LC3 B antibody, MAP1A/MAP1B light chain 3 B antibody, MAP1ALC3 antibody, MAP1LC3B a antibody, Map1lc3b antibody, Microtubule associated protein 1 light chain 3 beta antibody, Microtubule-associated protein 1 light chain 3 beta antibody, Microtubule-associated proteins 1A/1B light chain 3B antibody, MLP3B_HUMAN antibody

UniProt: [Q9GZQ8](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.