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Datasheet for ABIN7159777

anti-MAP1LC3B2 antibody (AA 1-47) (HRP)

Overview

Quantity:	100 µg
Target:	MAP1LC3B2
Binding Specificity:	AA 1-47
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP1LC3B2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Microtubule-associated proteins 1A/1B light chain 3 beta 2 protein (1-47AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAP1LC3B2
Alternative Name:	MAP1LC3B2 (MAP1LC3B2 Products)
Background:	Background: Ubiquitin-like modifier involved in formation of autophagosomal vacuoles

Target Details

(autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial 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 (By similarity).

Aliases: ATG8G antibody, MAP1LC3B2 antibody, Microtubule associated protein 1 light chain 3 beta 2 antibody, Microtubule associated proteins 1A/1B light chain 3B like protein antibody, Microtubule-associated proteins 1A/1B light chain 3 beta 2 antibody, Microtubule-associated proteins 1A/1B light chain 3B-like antibody, MP3B2_HUMAN antibody

UniProt: [A6NCE7](#)

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.