.-online.com antibodies

Datasheet for ABIN7268519 anti-LC3B antibody

6 Images



Overview

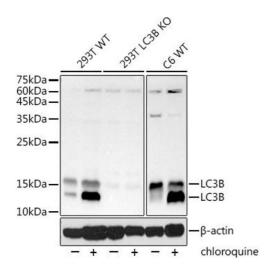
Quantity:	100 μL
Target:	LC3B (MAP1LC3B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

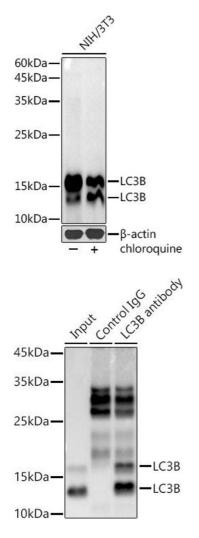
Product Details

Purpose:	[KO Validated] LC3B Rabbit mAb
Immunogen:	A synthetic peptide of human LC3B.
lsotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification
Grade:	KO Validated
Target Details	
Target:	LC3B (MAP1LC3B)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7268519 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	MAP1LC3B (MAP1LC3B Products)
Background:	The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B
	proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on
	the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk
	degradation of cytoplasmic component.,LC3B,ATG8F,MAP1LC3B-
	a,MAP1A/1BLC3,MAP1LC3B,LC3A/LC3B,Autophagy,Autophagy_ATGs,Cancer,Cardiovascular,Cell
	Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Microtubules,Endocrine &
	Metabolism,Heart,Mitochondrial metabolism,Neuroscience,Signal Transduction,MAP1LC3B
Molecular Weight:	14kDa,16kDa
Gene ID:	81631
UniProt:	Q9GZQ8
Pathways:	Autophagy
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Western Blotting

Image 1. Western blot analysis of extracts from wild type (WT) and [KO Validated] LC3B Rabbit mAb knockout (KO) 293T cells, using [KO Validated] LC3B Rabbit mAb (ABIN7268519) at 1:1000 dilution.293T and C6 cells were treated by Chloroquine (50 μ M) at 37 °C for 20 hours.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μ g per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

Western Blotting

Image 2. Western blot analysis of extracts of NIH/3T3 cells, using LC3B antibody (ABIN7268519) at 1:1000 dilution.NIH/3T3 cells were treated by Chloroquine (50 μ M) at 37 °C for 20 hours.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μ g per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 μ g extracts of 293T cells using 3 μ g LC3B antibody (ABIN7268519). Western blot was performed from the immunoprecipitate using LC3B antibody (ABIN7268519) at a dilition of 1:1000.

Please check the product details page for more images. Overall 6 images are available for ABIN7268519.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7268519 | 09/09/2023 | Copyright antibodies-online. All rights reserved.