

Datasheet for ABIN5647470

Recombinant anti-LC3B antibody (N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	LC3B (MAP1LC3B)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	A peptide corresponding to the N-terminus of human LC3B was used as the immunogen for the recombinant LC3B antibody.
Clone:	RM293
Isotype:	IgG
Characteristics:	This antibody reacts to human LC3B (Autophagy-related protein LC3 B, Microtubule-associated proteins 1A/1B light chain 3B). It may also react to mouse or rat LC3B, as predicted by immunogen homology.
Purification:	Purified

Target Details

Target:	LC3B (MAP1LC3B)
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Target Details

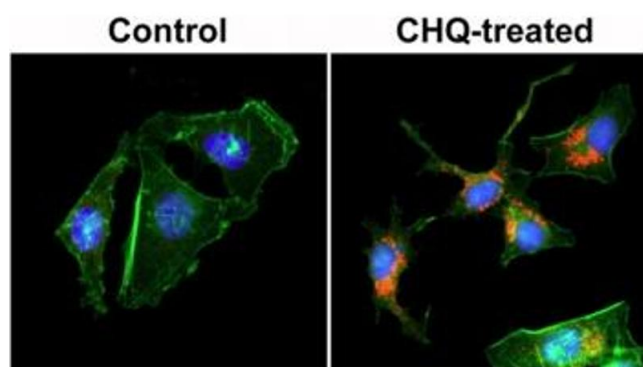
Alternative Name:	LC3B / MAP1LC3B (MAP1LC3B Products)
Background:	This antibody reacts to human LC3B (Autophagy-related protein LC3 B, Microtubule-associated proteins 1A/1B light chain 3B). It may also react to mouse or rat LC3B, as predicted by immunogen homology.
UniProt:	Q9GZQ8
Pathways:	Autophagy

Application Details

Application Notes:	The stated application concentrations are suggested starting points. Titration of the recombinant LC3B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Immunohistochemistry (FFPE): 1:100-1:200,Immunocytochemistry: 1:100-1:200,Western Blot: 1:100-1:200
Restrictions:	For Research Use only

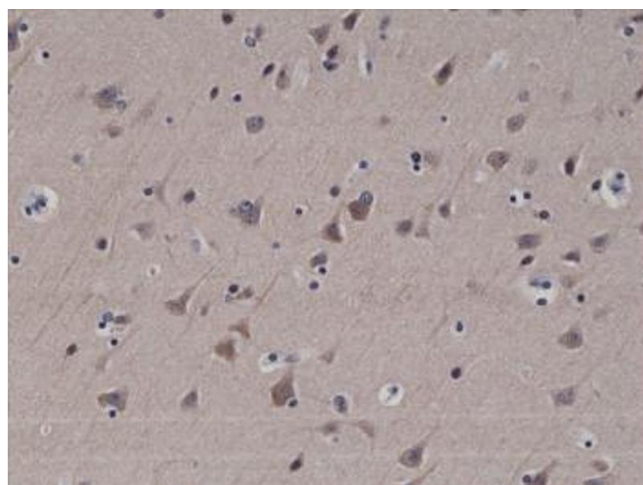
Handling

Buffer:	Antibody in PBS with 50 % Glycerol, 1 % BSA and 0.09 % sodium azide
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 the recombinant LC3B antibody at -20°C.



Immunocytochemistry

Image 1. ICC staining of human HeLa cells untreated or treated with chloroquine (CHQ), with recombinant LC3B antibody (red) at 1:200 dilution. Actin filaments have been labeled with fluorescein phalloidin (green), and nucleus labeled with DAPI (blue).



Immunohistochemistry

Image 2. IHC testing of formalin fixed and paraffin embedded human brain tissue with recombinant LC3B antibody at 1:200 dilution. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.