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# Datasheet for ABIN3029739 anti-LC3B antibody (AA 74-106)

6 Images



#### Overview

Quantity:	0.4 mL
Target:	LC3B (MAP1LC3B)
Binding Specificity:	AA 74-106
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LC3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

## Product Details

Immunogen:	A portion of amino acids 74-106 from the human protein was used as the immunogen for this
	LC3B antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

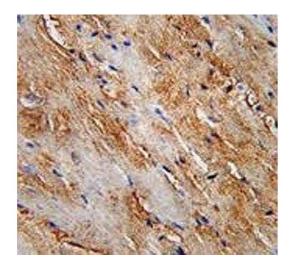
## Target Details

Target:	LC3B (MAP1LC3B)
Alternative Name:	LC3B (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

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Target Details	
	degradation of cytoplasmic component.
UniProt:	Q9GZQ8
Pathways:	Autophagy
Application Details	
Application Notes:	Titration of the LC3B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 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:	Aliquot the LC3B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

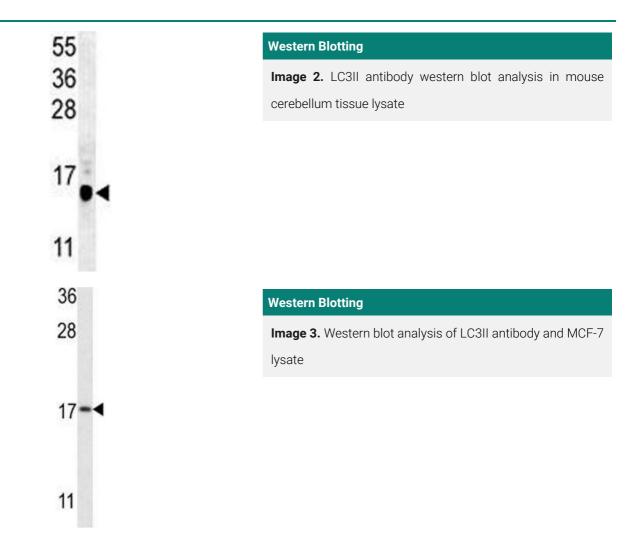
### Images



#### Immunohistochemistry

**Image 1.** LC3II antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.

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Please check the product details page for more images. Overall 6 images are available for ABIN3029739.

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