

# LC3B Rabbit Polyclonal Antibody

OPR20679

<b>Reactivity</b>	H,M,R	<b>Storage</b>	-20°C, Avoid freeze/ thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	WB;IF;IHC
<b>Isotype</b>	IgG	<b>Concentration</b>	1mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Immunogen Information

<b>Immunogen</b>	Recombinant Protein of MAP LC3 $\beta$
<b>Human Swiss-Prot Number</b>	Q9GZQ8
<b>Synonyms</b>	MAP1LC3B; MAP1ALC3; Microtubule-associated proteins 1A/1B light chain 3B; Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; MAP1 light chain 3-like protein 2; MAP1A/MAP1B light chain 3 B; MAP1A/MAP1B LC3B

## Product Information

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Dilution</b>	WB: 1:1000-2000, IF: 1:200, IHC: 1:200-500
<b>Observed MW</b>	14-16 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

## 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.

## Research Use

For research use only, not for use in diagnostic procedures.

## Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

[www.originlab.in](http://www.originlab.in)
[info@originlab.in](mailto:info@originlab.in)

+91-7736237778