

## LC3B Conjugated Antibody

Catalog No: #C30848



Package Size: #C30848-AF350 100ul #C30848-AF405 100ul #C30848-AF488 100ul  
 #C30848-AF555 100ul #C30848-AF594 100ul #C30848-AF647 100ul  
 #C30848-AF680 100ul #C30848-AF750 100ul #C30848-Biotin 100ul

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## Description

Product Name	LC3B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu,Ms,Rt
Immunogen Description	A synthetic peptide of human LC3B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MAP1LC3B; ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a; microtubule associated protein 1 light chain 3 beta
Accession No.	Swiss-Prot#:Q9GZQ8NCBI Gene ID:81631
Uniprot	Q9GZQ8
GeneID	81631;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	14kDa, 16kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only