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Anti-LC3B Rabbit pAb (A72138)

Catalog No.: A72138

Basic Information

Catalog No. (Cat.No.)	A72138
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF
Synonyms	LC3-B,LC3B,MAP1LC3B

Product Information

Target	LC3B
Molecular Weight(Calculated)	14 kDa,16 kDa
Molecular Weight(Observed)	14 kDa,16 kDa
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Polyclonal
Clone No.	NA
RRID	NA
Storage buffer	50% Glycerol, 0.5% BSA and 0.02% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:2000
IHC	1:200-1:500
IF	1:200

Target Information

Protein Name	Microtubule-associated protein-1 light chain-3 beta
Gene Name	*MAP1LC3B*
Domain	human MAP1LC3B (LC3B)
Background	LC3B (Microtubule-associated protein light chain 3B) is the most widely-studied isoform within LC3/GABARAP autophagy family. Soluble LC3B-I resides in cytosol; lipid-modified LC3B-II associates with autophagosome membrane to support autophagosome assembly and serves as autophagosome reporter. Autophagy activation elevates LC3B-II levels, yet autophagic-flux blockage also causes LC3B-II accumulation; flux assays with lysosomal inhibitors are required for correct interpretation.