

Product Name: LC3B Rabbit Polyclonal Antibody
Catalog #: APRab03734



Summary

Production Name	LC3B Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	MAP1LC3B
Alternative Names	MAP1LC3B
Gene ID	81631
SwissProt ID	Q9GZQ8

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Background

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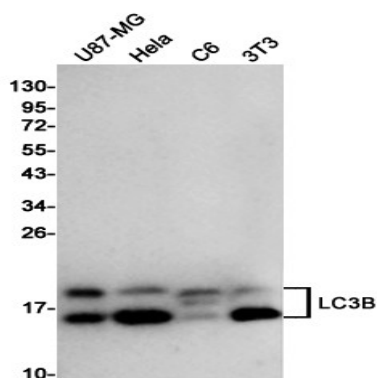


Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.

Research Area

Signal Transduction

Image Data



Western blot analysis of LC3B in U87-MG, HeLa, C6 and 3T3 lysates using LC3B antibody.

Note

For research use only.