

Anti-LC3B Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011388

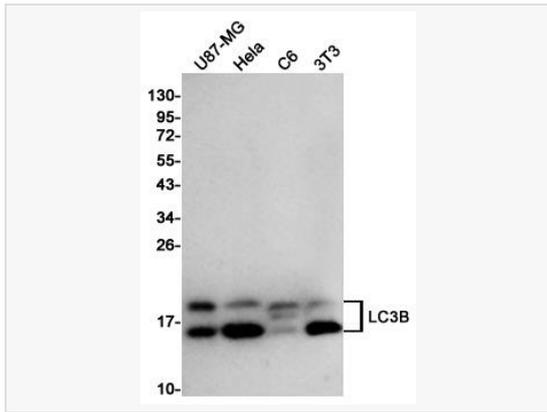
Product Information

Application	ELISA, WB, ICC/IF (Cell), IP
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human LC3B
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-LC3B antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MAP1LC3B.
Calculated MW	Calculated MW: 15 kDa; Observed MW: 15 kDa
Uniprot ID	Q9GZQ8
Gene ID	81631
Background	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.

Validation Images



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