

Anti-LC3A Rabbit pAb

Purified Rabbit Polyclonal Antibody

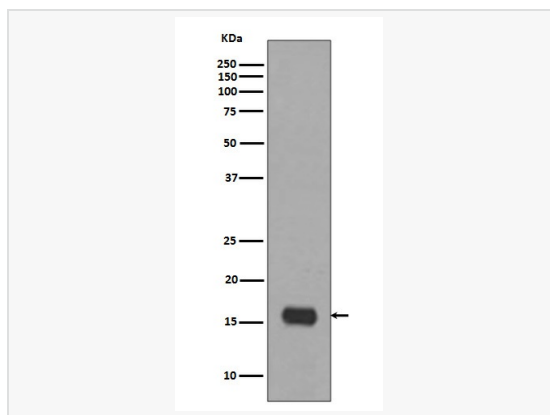
Catalog # P011851

Product Information

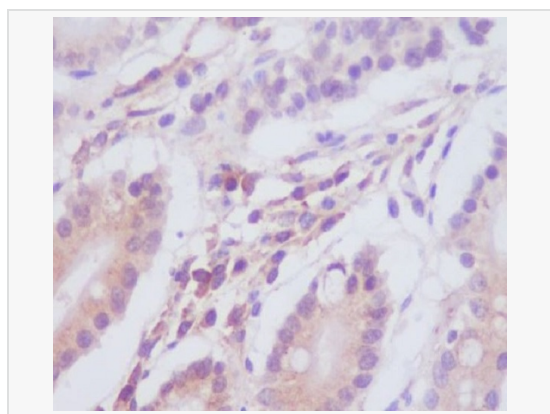
Application	ELISA, WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC
Reactivity	Mouse, Rat, Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MAP1LC3A
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
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-LC3A antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

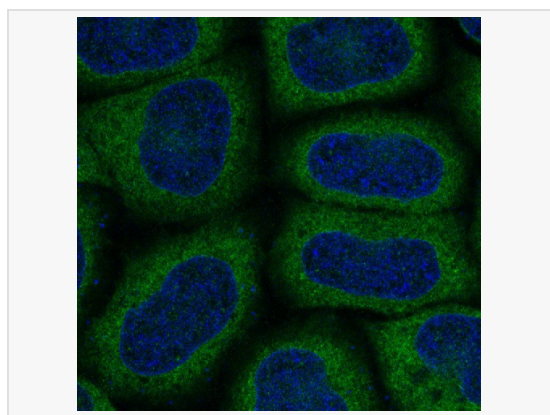
Synonyms	Microtubule-associated proteins 1A/1B light chain 3A, Autophagy-related protein LC3 A, Autophagy-related ubiquitin-like modifier LC3 A, MAP1 light chain 3-like protein 1, MAP1A/MAP1B light chain 3 A, MAP1A/MAP1B LC3 A, Microtubule-associated protein 1 light chain 3 alpha.
Calculated MW	Calculated MW: 14 kDa; Observed MW: 14 kDa
Uniprot ID	Q9H492
Gene ID	84557
Background	Autophagy marker Light Chain 3 (LC3) was originally identified as a subunit of microtubule-associated proteins 1A and 1B (termed MAP1LC3), and subsequently found to contain similarity to the yeast protein Apg8/Aut7/Cvt5 critical for autophagy. Three human LC3 isoforms (LC3A, LC3B, and LC3C) undergo post-translational modifications during autophagy. Cleavage of LC3 at the carboxy terminus immediately following synthesis yields the cytosolic LC3-I form.



Western blot analysis of LC3A in HeLa lysates using LC3A antibody.



Immunohistochemistry analysis of paraffin-embedded Human stomach using LC3A antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of LC3A in HeLa using LC3A antibody.