LC3A Polyclonal Antibody

Order Information

Catalog#	BGT-ANT-65561
Size/Concentration	100μl

Description

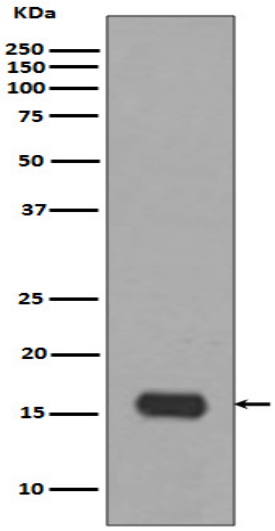
Autophagy marker Light Chain 3 (LC3) was originally identified as a subunit of microtubule-associated proteins 1A and 1B (termed MAP1LC3), and subsequently found to contain similarity to the yeast protein Apg8/Aut7/Cvt5 critical for autophagy. Three human LC3 isoforms (LC3A, LC3B, and LC3C) undergo post-translational modifications during autophagy. Cleavage of LC3 at the carboxy terminus immediately following synthesis yields the cytosolic LC3-I form.

Specification

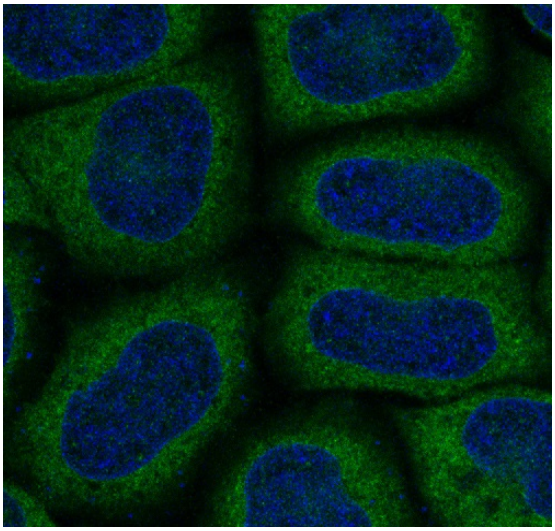
Aliases ： Microtubule-associated proteins 1A/1B light chain 3A; Autophagy-related protein LC3 A; Autophagy-related ubiquitin-like modifier LC3 A; MAP1 light chain 3-like protein 1; MAP1A/MAP1B light chain 3 A; MAP1A/MAP1B LC3 A; Microtubule-associated protein 1 light chain 3 alpha
Entrez GeneID ： 84557
Swissprot ： Q9H492
WB Predicted band size ： Calculated MW: 14 kDa; Observed MW: 14 kDa
Host/Isotype ： Rabbit IgG
Storage ： Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Species Reactivity ： Human,Mouse,Rat
Immunogen ： A synthesized peptide derived from human MAP1LC3A
Formulation ： Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Application

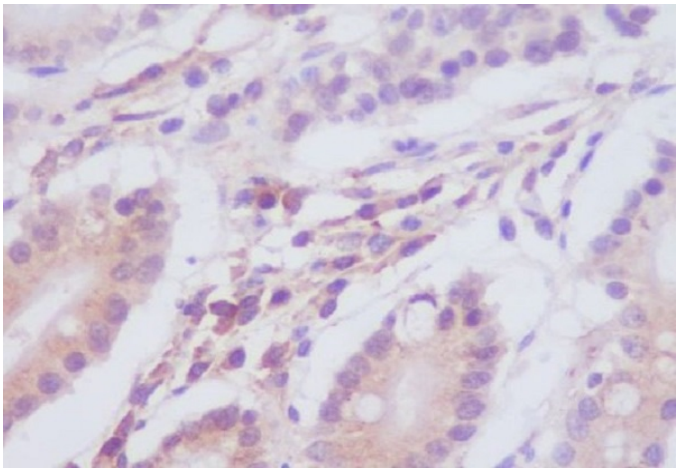
IP	1/20
WB	1/500-1/1000
IHC	1/50-1/100
ICC	1/50-1/200
FCM	1/50-1/100



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



Immunofluorescence analysis of LC3A in Hela 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.

For Research Only

Application Key:WB - Western Blot | **IHC** - Immunohistochemistry | **ICC** - Immunocytochemistry | **FCM** - Flow Cytometry | **ELISA** - Enzyme-linked Immunosorbent Assay | **IP** - Immunoprecipitation