

Anti-ATG4C Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011809

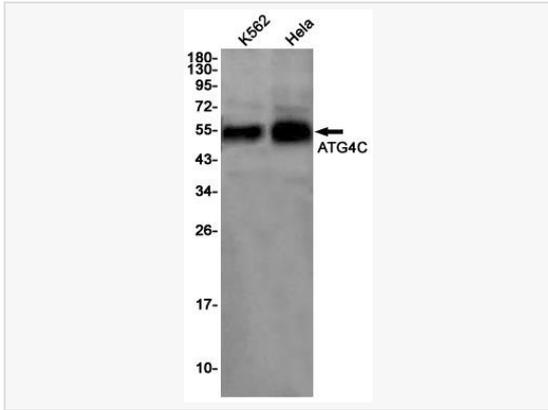
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	62L63K36
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human ATG4C
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-ATG4C antibody [62L63K36] is for research use only and not for use in diagnostic or therapeutic procedures.

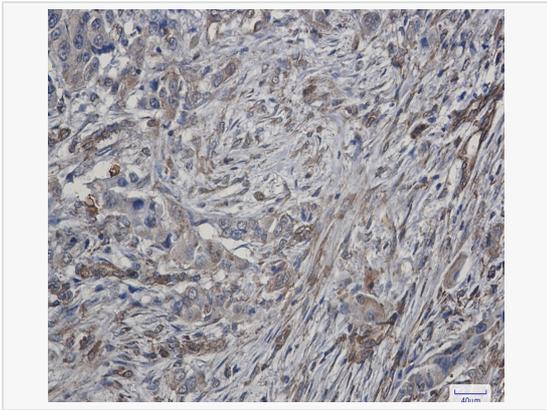
Protein Information

Synonyms	ATG4C, APG4C, AUTL1, AUTL3, Cysteine protease ATG4C, AUT-like 3 cysteine endopeptidase, Autophagin-3, Autophagy-related cysteine endopeptidase 3, Autophagy-related protein 4 homolog C.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	Q96DT6
Gene ID	84938
Background	Cysteine protease required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form (form II). Form II, with a revealed C-terminal glycine, is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes.

Validation Images



Western blot analysis of ATG4C in K562, HeLa lysates using ATG4C antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ATG4C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.