

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ATG4C RABBIT MAB

Cat.#: N261888

Product Name: Anti-ATG4C Rabbit Monoclonal Antibody

Synonyms: ATG4C; APG4C; AUTL1; AUTL3; Cysteine protease ATG4C; AUTlike 3 cysteine endopeptidase; Autophagin-3; Autophagy-related cysteine

endopeptidase 3; Autophagy-related protein 4 homolog C

UNIPROTID: Q96DT6

Background: Cysteine protease required for autophagy, which cleaves the C-terminal part of either MAPILC3, 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.

Immunogen: Recombinant protein of human ATG4C

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-8G9

MW: Calculated MW: 52 kDa; Observed MW: 52 kDa

Isotype: IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

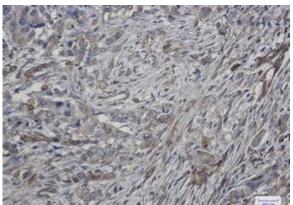
Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

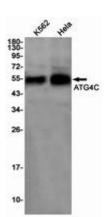


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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ATG4C antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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