

Product Datasheet

Atg4C Antibody



Catalog No: CY6907

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC FC

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Information

UniProt ID: Q96DT6

All Names: APG4 autophagy 4 homolog C (*S. cerevisiae*); APG4 autophagy 4 homolog C; APG4 C; APG4C; ATG 4C; ATG4 autophagy related 4 homolog C (*S. cerevisiae*); Atg4c; ATG4C; AUT (*S. cerevisiae*) like 1; cysteine endopeptidase; AUT like 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 52 kDa

Application

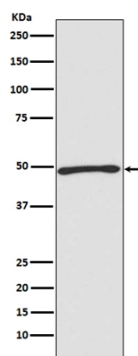
WB 1:1000~1:5000

IHC 1:50~1:200

FC 1:50

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.



Western blot analysis of Atg4C expression in Jurkat cell lysate.

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