

RecomAb™

ATG4C recombinant monoclonal antibody, clone R08-8G9

Catalog # RAB06029 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ATG4C.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ATG4C.
Theoretical MW (kDa)	Calculated MW: 52 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — ATG4C

Entrez GeneID [84938](#)

Protein Accession# [Q96DT6](#)

Gene Name ATG4C

Gene Alias APG4-C, APG4C, AUTL1, AUTL3, FLJ14867

Gene Description ATG4 autophagy related 4 homolog C (S. cerevisiae)

Omim ID [611339](#)

Gene Ontology [Hyperlink](#)

Gene Summary Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq]

Other Designations APG4 autophagy 4 homolog C|AUT-like 1, cysteine endopeptidase|AUT-like 3 cysteine endopeptidase|OTTHUMP00000010715|autophagin-3|autophagy-related cysteine endopeptidase 3

Pathway

- [Regulation of autophagy](#)