ATG4B rabbit monoclonal antibody

Catalog # H00023192-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ATG4B peptide using ARM Technology.
Immunogen	A synthetic peptide of human ATG4B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ATG4B peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — ATG4B

Entrez GeneID	23192
GeneBank Accession#	ATG4B
Gene Name	ATG4B
Gene Alias	APG4B, AUTL1, MGC1353
Gene Description	ATG4 autophagy related 4 homolog B (S. cerevisiae)
Omim ID	611338
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 du ring differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autop hagy have been described in some malignant tumors, and a role for autophagy in controlling the u nregulated 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 famil y of cysteine proteases. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq
Other Designations	APG4 autophagy 4 homolog B|autophagin-1

Pathway

- Regulation of autophagy