ATG10 rabbit monoclonal antibody

Catalog # H00083734-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ATG10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ATG10 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 ATG10 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 — ATG10

Entrez GeneID	83734
GeneBank Accession#	ATG10
Gene Name	ATG10
Gene Alias	APG10, APG10L, DKFZp586l0418, FLJ13954, pp12616
Gene Description	ATG10 autophagy related 10 homolog (S. cerevisiae)
Omim ID	610800
Gene Ontology	Hyperlink
Gene Summary	Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003 [PubMed 12890687]).[supplied by OMIM
Other Designations	APG10 autophagy 10-like

Disease

- Tobacco Use Disorder