

ATG3 rabbit monoclonal antibody

Catalog # H00064422-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ATG3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ATG3 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 ATG3 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — ATG3

Entrez GeneID	64422
GeneBank Accession#	ATG3
Gene Name	ATG3
Gene Alias	APG3, APG3-LIKE, APG3L, DKFZp564M1178, FLJ22125, MGC15201, PC3-96
Gene Description	ATG3 autophagy related 3 homolog (S. cerevisiae)
Omim ID	609606
Gene Ontology	Hyperlink
Gene Summary	Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).[supplied by OMIM]
Other Designations	2610016C12Rik APG3 autophagy 3-like Apg3p autophagy Apg3p/Aut1p-like

Pathway

- [Regulation of autophagy](#)

Disease

- [Huntington Disease](#)