

Rabbit Atg4D Polyclonal Antibody | anti-Atg4D antibody

Atg4D

CATALOG # AAA47779	HOST Rabbit	APPLICATIONS Immunoblot, Western Blot
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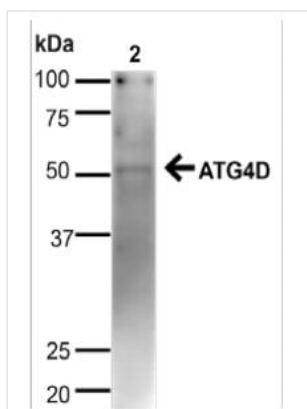
PRODUCT SYNONYMS

Atg4D; Polyclonal Antibody; anti-Atg4D antibody

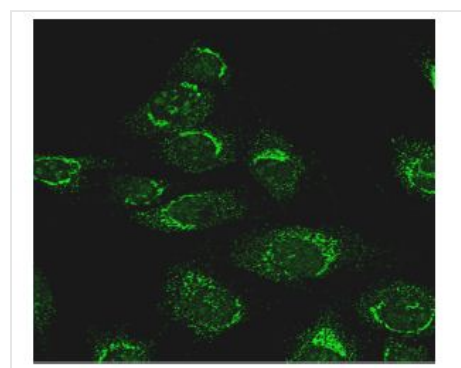
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human Atg4D.
Form/Format	Peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	411
Applicable Applications for anti-Atg4D antibody	IB (Immunoblot)
Antigen	Synthetic peptide corresponding to amino acids at the C-terminus of human Atg4D.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

IMAGES



Application Data



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-Atg4D antibody	Autophagy is a catabolic process that results in the degradation of bulk cytoplasmic contents within autophagosomes and lysosomes. The protein encoded by the Atg5 gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Two transcript variants encoding different protein isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	528078306
NCBI GeneID	84971
NCBI Accession #	NP_001268433.1
NCBI GenBank Nucleotide #	NM_001281504.1
UniProt Accession #	Q86TL0; Q969K0
Molecular Weight	16,008 Da
NCBI Official Full Name	cysteine protease ATG4D isoform 2
NCBI Official Synonym Full Names	autophagy related 4D cysteine peptidase
NCBI Official Symbol	ATG4D
NCBI Official Synonym Symbols	APG4D; AUTL4; APG4-D
NCBI Protein Information	cysteine protease ATG4D
UniProt Protein Name	Cysteine protease ATG4D
UniProt Gene Name	ATG4D
UniProt Synonym Gene Names	APG4D; AUTL4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atg4d-antibody-immunoblot-elisa/47779>