

Rabbit ATG4D Polyclonal Antibody | anti-ATG4D antibody

Rabbit anti-ATG4D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222786	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATG4D; Polyclonal Antibody; Rabbit anti-ATG4D Antibody; APG4D; AUTL4; Cysteine protease ATG4D; AUT-like 4 cysteine endopeptidase; Autophagin-4; Autophagy-related cysteine endopeptidase 4; Autophagy-related protein 4 homolog D; anti-ATG4D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ATG4D antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATG4D. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ATG4D staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ATG4D expression in Hela (A), A549 (B), PC12 (C), CT26 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATG4D antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27903825
NCBI GeneID	84971

NCBI Accession #	NP_116274.3
NCBI GenBank Nucleotide #	NM_032885.4
UniProt Accession #	Q86TL0 ; Q8BGV9
Molecular Weight	52,922 Da
NCBI Official Full Name	cysteine protease ATG4D
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; autophagin-4; APG4 autophagy 4 homolog D; AUT-like 4 cysteine endopeptidase; ATG4 autophagy related 4 homolog D; AUT-like 4, cysteine endopeptidase; autophagy-related protein 4 homolog D; cysteine protease involved in autophagy; a
UniProt Protein Name	Cysteine protease ATG4D
UniProt Gene Name	ATG4D
UniProt Synonym Gene Names	APG4D; AUTL4
UniProt Entry Name	ATG4D_HUMAN

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-immunoprecipitation-immunohistochemistry-western-blot-elisa/222786>