

Rabbit anti-Human Atg16L1 Polyclonal Antibody | anti-Atg16L1 antibody

Rabbit anti-Atg16L1 Antibody, Affinity Purified

CATALOG # AAA212149	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Atg16L1; Polyclonal Antibody; Rabbit anti-Atg16L1 Antibody; Affinity Purified; APG16-like 1; WDR30; WD repeat domain 30; IBD10; autophagy-related protein 16-1; ATG16L; ATG16 autophagy related 16-like 1; APG16L beta; APG16L; ATG16A; Autophagy-related protein 16-1; autophagy related 16 like 1; anti-Atg16L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Atg16L1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Atg16L1 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Atg16L1 antibody AAA212149 (lot AAA212149-1) used at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Atg16L1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Atg16L1 antibody AAA212149 (lot AAA212149-1) used for IP at 6 ug/mg lysate. Atg16L1 was also immunoprecipitated by rabbit anti-Atg16L1 antibody. For blotting immunoprecipitated Atg16L1, AAA212149 was used at 1 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Atg16L1 antibody

ATG16 autophagy related 16-like (ATG16L1) is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in the ATG16L1 gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10) [taken from NCBI Entrez Gene (Gene ID: 55054)].

Product Categories/Family for anti-Atg16L1 antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	124256480
NCBI GeneID	55054
NCBI Accession #	NP_110430.5
NCBI GenBank Nucleotide #	NM_030803.6
UniProt Accession #	Q676U5; Q6IPN1; Q6UXW4; Q6ZVZ5; Q8NCY2; Q96JV5; Q9H619; A3EXK9; A3EXL0; B6ZDH0
Molecular Weight	29kDa
NCBI Official Full Name	autophagy-related protein 16-1 isoform 1
NCBI Official Synonym Full Names	autophagy related 16-like 1 (S. cerevisiae)
NCBI Official Symbol	ATG16L1
NCBI Official Synonym Symbols	IBD10; WDR30; APG16L; ATG16A; ATG16L
NCBI Protein Information	autophagy-related protein 16-1; APG16L beta; WD repeat domain 30; ATG16 autophagy related 16-like 1
UniProt Protein Name	Autophagy-related protein 16-1
UniProt Gene Name	ATG16L1
UniProt Synonym Gene Names	APG16L
UniProt Entry Name	A16L1_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/atg16l1-antibody-immunoprecipitation-western-blot-elisa/212149>