

Rabbit ATG16L1 Polyclonal Antibody | anti-ATG16L1 antibody

ATG16L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302779	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATG16L1; Polyclonal Antibody; ATG16L1 Antibody; IBD10; WDR30; APG16L; ATG16A; ATG16L; anti-ATG16L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ATG16L1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	523
Applicable Applications for anti-ATG16L1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ATG16L1.
Target Name	ATG16L1
Preparation and Storage	Store at -20 degree C

IMAGES



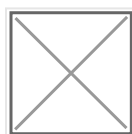
IP (Immunoprecipitation)

Immunoprecipitation analysis of extracts of HepG2 cells incubated with ATG16L1 antibody.



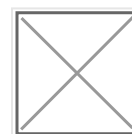
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using ATG16L1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer using ATG16L1 antibody



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATG16L1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG16L1 antibody	The protein encoded by this gene 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 this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ATG16L1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	298229005
NCBI GeneID	55054
NCBI Accession #	NP_001177195.1
NCBI GenBank Nucleotide #	NM_001190266.1
UniProt Accession #	Q676U5; Q6IPN1; Q6UXW4; Q6ZVZ5; Q8NCY2; Q96JV5; Q9H619; A3EXK9; A3EXL0; B6ZDH0
Molecular Weight	49,486 Da
NCBI Official Full Name	autophagy-related protein 16-1 isoform 4
NCBI Official Synonym Full Names	autophagy related 16-like 1
NCBI Official Symbol	ATG16L1
NCBI Official Synonym Symbols	IBD10; WDR30; APG16L; ATG16A; ATG16L
NCBI Protein Information	autophagy-related protein 16-1
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-immunofluorescence-immunohistochemistry-western-blot-elisa/302779>