

Rabbit anti-Human Autophagy-related protein 16-1 Polyclonal Antibody | anti-ATG16L1 antibody

Rabbit anti-human Autophagy-related protein 16-1 polyclonal Antibody(ATG16L1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119358	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

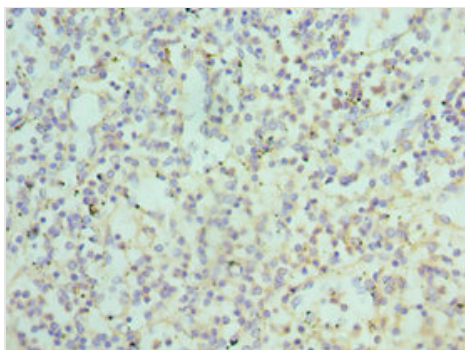
PRODUCT SYNONYMS

Autophagy-related protein 16-1; Polyclonal Antibody; Rabbit anti-human Autophagy-related protein 16-1 polyclonal Antibody(ATG16L1); APG16-like 1; ATG16L1; APG16L; UNQ9393/PRO34307; anti-ATG16L1 antibody

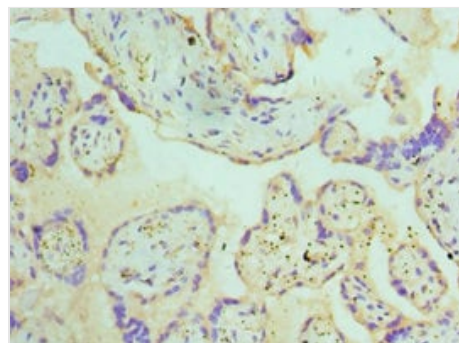
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	523
Applicable Applications for anti-ATG16L1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Autophagy-related protein 16-1 protein(90-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-70133 / sc-70134
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

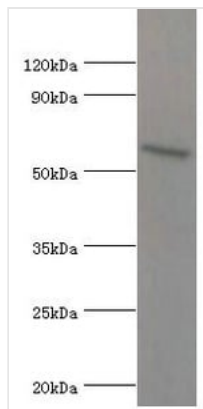
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human spleen using AAA119358 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using AAA119358 at dilution 1:100



WB (Western Blot)

All lanes: Autophagy-related protein 16-1 antibody at 2ug/ml+MCF-7 whole cell lysate
 SecondaryGoat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 69,67,54,48,50 kDa
 Observed band size: 68 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATG16L1 antibody	Plays an essential role in autophagy: interacts with ATG12-ATG5 to mediate the conjugation of phosphatidylethanolamine (PE) to LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C), to produce a membrane-bound activated form of LC3 named LC3-II. Thereby, controls the elongation of the nascent autophagosomal membrane.
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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/autophagy-related-protein-16-1-antibody-immunohistochemistry-western-blot-elisa/119358>