

Rabbit ATG16L1 Polyclonal Antibody | anti-ATG16L1 antibody

ATG16L1 antibody - N-terminal region

CATALOG # AAA200340	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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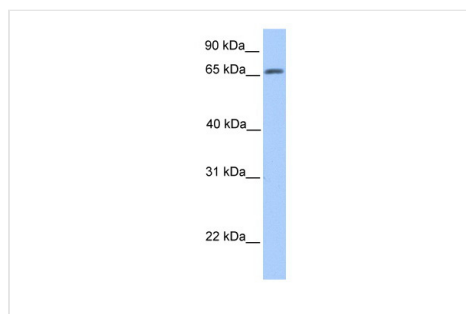
PRODUCT SYNONYMS

ATG16L1; Polyclonal Antibody; ATG16L1 antibody - N-terminal region; anti-ATG16L1 antibody

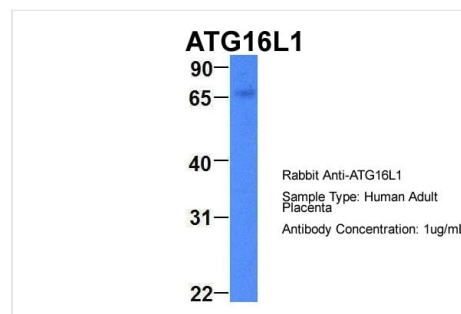
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QY NKLLKSDLH SVLAQKLQAE KHDVPRHEI SPGHDGTWND NQLQEMAQ
Sequence Length	588
Applicable Applications for anti-ATG16L1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 92%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 91%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATG16L1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

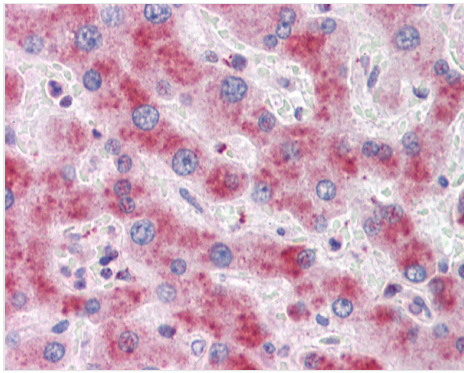
IMAGES


WB (Western Blot)

WB Suggested Anti-ATG16L1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain


WB (Western Blot)

Host: Rabbit Target Name: ATG16L1 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Liver

ADDITIONAL INFORMATION

Related Product Information for anti-ATG16L1 antibody	This is a rabbit polyclonal antibody against ATG16L1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy. Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy (Mizushima et al., 2003 [PubMed 12665549]).[supplied by OMIM].
Product Categories/Family for anti-ATG16L1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Autophagy

NCBI AND UNIPROT INFORMATION

NCBI GI #	298229005
NCBI GeneID	55054
NCBI Accession #	NP_060444
NCBI GenBank Nucleotide #	NM_017974
UniProt Accession #	Q676U5
Molecular Weight	66kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/atg16l1-antibody-western-blot-immunohistochemistry-elisa/200340>