

Rabbit ATG16L2 Polyclonal Antibody | anti-ATG16L2 antibody

ATG16L2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325436	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

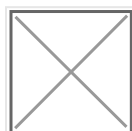
PRODUCT SYNONYMS

ATG16L2; Polyclonal Antibody; ATG16L2 Antibody; A16L2_HUMAN; APG16-like 2; ATG16 autophagy related 16-like 2; ATG16B; Atg16l2; autophagy related 16-like 2 (S. cerevisiae); Autophagy-related protein 16-2; WD repeat-containing protein 80; WDR80; anti-ATG16L2 antibody

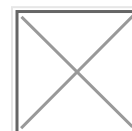
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATG16L2 antibody detects endogenous levels of total ATG16L2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	513
Applicable Applications for anti-ATG16L2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit
Similarity	Bovine (82%), Sheep (82%), Rabbit (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from rat brain, using ATG16L2 Antibody.


WB (Western Blot)

Western blot analysis of extracts from 3T3 cells using ATG16L2 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325436 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG16L2 antibody	Function: May play a role in autophagy. Similarity: Belongs to the WD repeat ATG16 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	974005175
NCBI GeneID	89849
NCBI Accession #	NP_001305695.1
NCBI GenBank Nucleotide #	NM_001318766.1
UniProt Accession #	Q8NAA4; Q658V4; Q6PID3; Q8NBG0; A5PL30; B2RPK5
Molecular Weight	Observed: 69 kD Predicted: 69 kDa
NCBI Official Full Name	autophagy-related protein 16-2 isoform 2
NCBI Official Synonym Full Names	autophagy related 16 like 2
NCBI Official Symbol	ATG16L2
NCBI Official Synonym Symbols	WDR80; ATG16B
NCBI Protein Information	autophagy-related protein 16-2
UniProt Protein Name	Autophagy-related protein 16-2
UniProt Gene Name	ATG16L2
UniProt Synonym Gene Names	WDR80

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/atg16l2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325436>