

Rabbit ATG16L1 Polyclonal Antibody | anti-ATG16L1 antibody

ATG16L1 Rabbit Polyclonal Antibody

CATALOG # AAA30598	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

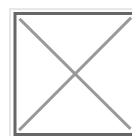
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ATG16L1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	A synthetic peptide of human ATG16L1 (NP_110430.5).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



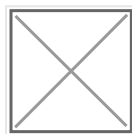
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using ATG16L1 Rabbit pAb.



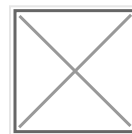
IF (Immunofluorescence)

Immunofluorescence analysis of H9C2 cells using ATG16L1 antibody.



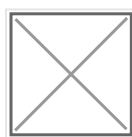
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ATG16L1 antibody.



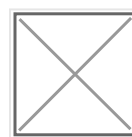
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ATG16L1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using ATG16L1 Rabbit pAb.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using ATG16L1 Rabbit pAb.

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	Primary Antibody

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	68,265 Da
NCBI Official Full Name	autophagy-related protein 16-1 isoform 4
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.