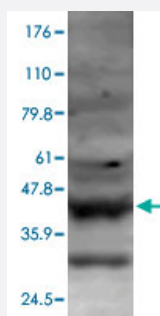


ATG16L1 polyclonal antibody

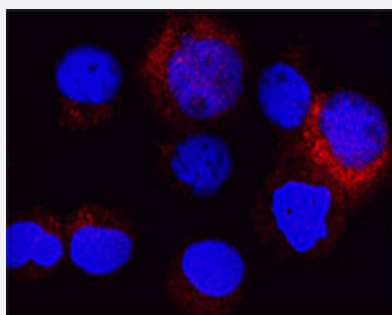
Catalog # PAB0739 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot (non - reducing) on Jurkat cell lysate using rabbit ATG16L1 polyclonal antibody (Cat # PAB0739) .



Immunofluorescence

Confocal microscopy on immunofluorescently detected cytospinned HL-60 cell line. HL-60 cells were fixed with acetone 90 seconds ; primary antibody was diluted 1 : 100 and incubated for 1 hour, 3 x washes and secondary (Goat anti Rb 1 : 100 alexa 546 conjugate) for 30 minutes. Eosinophils seem to be stained using rabbit ATG16L1 polyclonal antibody (Cat # PAB0739) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ATG16L1.
Immunogen	A synthetic peptide (conjugated with Blue Carrier Protein) corresponding to N-terminus of human ATG16L1.
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized

Recommend Usage	Immunohistochemistry (1:100-1:3000) Immunofluorescence (1:100-1:3000) Western Blot (1:100-1:3000) The optimal working dilution should be determined by the end user.
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Storage Buffer	Lyophilized from PBS
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Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Cell lysate)

Western blot (non - reducing) on Jurkat cell lysate using rabbit ATG16L1 polyclonal antibody (Cat # PAB0739) .

- Immunohistochemistry (Frozen sections)

- Immunofluorescence

Confocal microscopy on immunofluorescently detected cytospinned HL-60 cell line. HL-60 cells were fixed with acetone 90 seconds ; primary antibody was diluted 1 : 100 and incubated for 1 hour, 3 x washes and secondary (Goat anti Rb 1 : 100 alexa 546 conjugate) for 30 minutes. Eosinophils seem to be stained using rabbit ATG16L1 polyclonal antibody (Cat # PAB0739) .

Gene Info — ATG16L1

Entrez GeneID	55054
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Protein Accession#	Q676U5
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Gene Name	ATG16L1
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Gene Alias	APG16L, ATG16L, FLJ00045, FLJ10035, FLJ10828, FLJ22677, IBD10, WDR30
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Gene Description	ATG16 autophagy related 16-like 1 (S. cerevisiae)
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Omim ID	610767 611081
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations

APG16 autophagy 16-like|APG16L beta|ATG16 autophagy related 16-like protein 1|WD repeat domain 30

Disease

- [Celiac Disease](#)
- [Cholangitis](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Granuloma](#)
- [Growth Disorders](#)
- [Huntington Disease](#)
- [Ileitis](#)
- [Inflammatory Bowel Diseases](#)
- [Liver Cirrhosis](#)
- [Rectal Fistula](#)