

Rabbit anti-Human, Mouse ATG16L1 Polyclonal Antibody | anti-ATG16L1 antibody

ATG16L1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176822	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

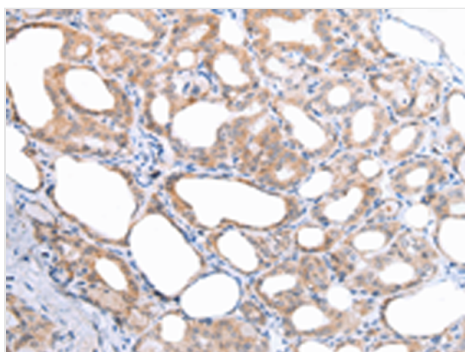
PRODUCT SYNONYMS

ATG16L1; Polyclonal Antibody; ATG16L1 Polyclonal Antibody; A16L1; APG16 like 1; APG16-like 1; APG16L; APG16L beta; ATG16 autophagy related 16 like 1; ATG16 autophagy related 16-like 1 (S. cerevisiae); ATG16A; ATG16L; Atg16l1; Autophagy related protein 16 1; Autophagy-related protein 16-1; FLJ00045; FLJ10035; FLJ10828; FLJ22677; IBD10; OTTHUMP00000164391; OTTHUMP00000164393; OTTHUMP00000165876; OTTHUMP00000165877; WD repeat domain 30; WDR30; anti-ATG16L1 antibody

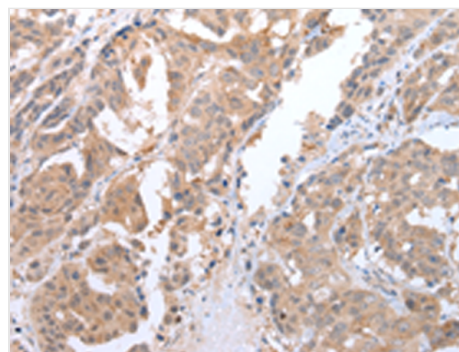
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	523
Applicable Applications for anti-ATG16L1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human ATG16L1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

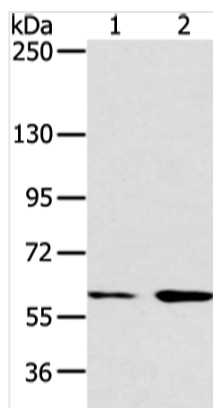
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:45(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ATG16L1 Polyclonal Antibody at dilution of 1:45(×200)



WB (Western Blot)

Western blot analysis of Hela and raji cell using ATG16L1 Polyclonal Antibody at dilution of 1:750

ADDITIONAL INFORMATION

Related Product Information for anti-ATG16L1 antibody	ATG16L1 (Autophagy Related 16 Like 1) is a Protein Coding gene. Diseases associated with ATG16L1 include Inflammatory Bowel Disease 10 and Inflammatory Bowel Disease. Among its related pathways are Autophagy Pathway and Senescence and Autophagy in Cancer. GO annotations related to this gene include identical protein binding. An important paralog of this gene is ATG16L2. 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	Cancer ; Cell Biology ; Cardiovascular ; Metabolism ; Neuroscience ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	298229005
NCBI GeneID	55054
NCBI Accession #	NP_001177195.1
NCBI GenBank Nucleotide #	NP_001177195.1
UniProt Accession #	Q676U5
Molecular Weight	68 kDa
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.

