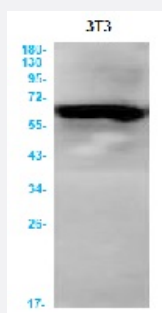


RecomAb™

ATG16L1 recombinant monoclonal antibody, clone R03-4G8

Catalog # RAB01582 Size 100 uL

Applications



Western Blot

Western blot analysis of ATG16L1 in 3T3 lysates using human ATG16L1 recombinant monoclonal antibody, clone R03-4G8 (Cat # RAB01582).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ATG16L1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ATG16L1
Theoretical MW (kDa)	Calculated MW: 68 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of ATG16L1 in 3T3 lysates using human ATG16L1 recombinant monoclonal antibody, clone R03-4G8 (Cat # RAB01582).

Gene Info — ATG16L1

Entrez GeneID [55054](#)

Protein Accession# [Q676U5](#)

Gene Name ATG16L1

Gene Alias APG16L, ATG16L, FLJ00045, FLJ10035, FLJ10828, FLJ22677, IBD10, WDR30

Gene Description ATG16 autophagy related 16-like 1 (S. cerevisiae)

Omim ID [610767 611081](#)

Gene Ontology [Hyperlink](#)

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]

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](#)