

[KO Validated] ATG16L1 Rabbit mAb

Catalog No.: A3637

KO Validated

Recombinant

1 Publications

Basic Information

Observed MW

68kDa/72kDa

Calculated MW

68kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC0812

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

55054

Swiss Prot

Q676U5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 6-105 of human ATG16L1 (Q676U5).

Synonyms

IBD10; WDR30; APG16L; ATG16A; ATG16L; ATG16L1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

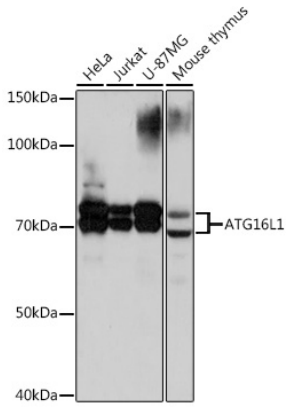
Affinity purification

Storage

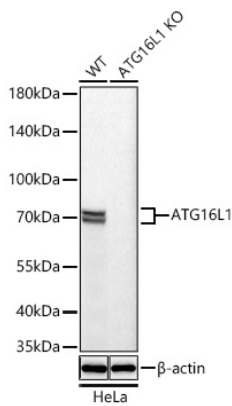
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using ATG16L1 Rabbit mAb (A3637) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Western blot analysis of lysates from wild type (WT) and ATG16L1 knockout (KO) HeLa cells using ATG16L1 Rabbit mAb (A3637) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.