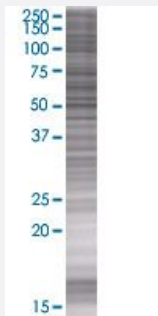


ATG16L1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055054-T01

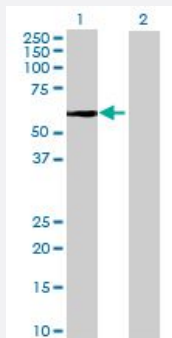
Size 100 uL

Applications



SDS-PAGE Gel

ATG16L1 transfected lysate.



Western Blot

Lane 1: ATG16L1 transfected lysate (58.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ATG16L1 full-length
Host	Human
Theoretical MW (kDa)	58.3
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ATG16L1 antibody ([H00055054-B01](#)) by Western Blots.
SDS-PAGE Gel
ATG16L1 transfected lysate.
Western Blot
Lane 1: ATG16L1 transfected lysate (58.3 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ATG16L1

Entrez GeneID

[55054](#)

GeneBank Accession#

[BC117337](#)

Protein Accession#

[NP_110430.4](#)

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](#)