

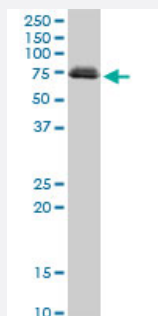
MaxPab®

# ATG16L1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00055054-D01

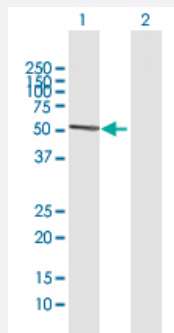
Size 100 uL

## Applications



### Western Blot (Cell lysate)

ATG16L1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATG16L1 expression in HeLa.

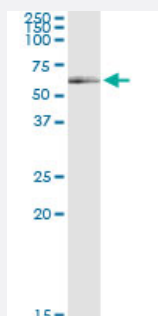


### Western Blot (Transfected lysate)

Western Blot analysis of ATG16L1 expression in transfected 293T cell line ([H00055054-T02](#)) by ATG16L1 MaxPab polyclonal antibody.

Lane 1: ATG16L1 transfected lysate(58.30 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of ATG16L1 transfected lysate using anti-ATG16L1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ATG16L1 purified MaxPab mouse polyclonal antibody (B01P) ([H00055054-B01P](#)).

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human ATG16L1 protein.

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | ATG16L1 (NP_110430.4, 1 a.a. ~ 523 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sequence</b>                      | MAQLRIKHQEELTELHKKRGELAQVLIDLNNQMQRKDREMQMNEAKIAECLQTISDLETECLDLRT<br>KLCDLERANQTLKDEYDALQITFTALEGKLRKTTEENQELVTRWMAEKAQEANRLNAENKDSRR<br>RQARLQKELAEAAKEPLPVEQDDDIENVDETSDHTEETSPVRAISRAATKRLSQPAGGLDSITNI<br>FGRRSVSSFPVPQDNVDTHPGSGKEVRVPATALCVFDAHDGEVNAVQFSPGSRLLATGGMDR<br>RVKLWEVFGEKCEFKGSLSGSNAGITSIEFDSAGSYLLAASNDFASRMTVDDYRLRHTLTGHSG<br>KVLSAKFLLDNARIVSGSHDRTLKLWDLRSKVCIKTVFAGSSCNDIVCTEQCVMSGHFDKKIRFW<br>DIRSESVREMELLGKITALDLNPERTELLSCSRDILLKVIDLRTNAIKQTF SAPGFKCGSDWTRVV<br>FSPDGSYVAAGSAEGSLYWSVLTGKVEKVL SKQHSSINAVAWSPSGSHVSVDKGCKAVLW<br>AQY |
| <b>Host</b>                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Interspecies Antigen Sequence</b> | Mouse (94); Rat (94)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Quality Control Testing</b>       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Buffer</b>                | No additive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Applications

- Western Blot (Cell lysate)

ATG16L1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATG16L1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ATG16L1 expression in transfected 293T cell line ([H00055054-T02](#)) by ATG16L1 MaxPab polyclonal antibody.

Lane 1: ATG16L1 transfected lysate(58.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ATG16L1 transfected lysate using anti-ATG16L1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ATG16L1 purified MaxPab mouse polyclonal antibody (B01P) ([H00055054-B01P](#)).

[Protocol Download](#)

## Gene Info — ATG16L1

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">55054</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| GeneBank Accession# | <a href="#">BC117337</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Accession#  | <a href="#">NP_110430.4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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             | <a href="#">610767</a> <a href="#">611081</a>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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](#)