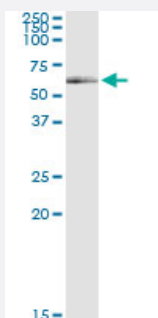


# ATG16L1 (Human) IP-WB Antibody Pair

Catalog # H00055054-PW1

Size 1 Set

## Applications



Immunoprecipitation of ATG16L1 transfected lysate using rabbit polyclonal anti-ATG16L1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ATG16L1.

## Specification

|                                      |                                                                                                                                                                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.                                                                                                             |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (94); Rat (94)                                                                                                                                                                                                                                     |
| <b>Quality Control Testing</b>       | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of ATG16L1 transfected lysate using rabbit polyclonal anti-ATG16L1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-ATG16L1. |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-ATG16L1 (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-ATG16L1 (50 ug)                                                                                |
| <b>Storage Instruction</b>           | Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.                                                                       |

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — ATG16L1

**Entrez GeneID** [55054](#)

**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](#)