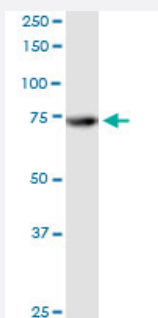


# ATG7 (Human) IP-WB Antibody Pair

Catalog # H00010533-PW1

Size 1 Set

## Applications



Immunoprecipitation of ATG7 transfected lysate using rabbit polyclonal anti-ATG7 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ATG7.

## 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 (93); Rat (93)                                                                                                                                                                                                                            |
| <b>Quality Control Testing</b>       | Immunoprecipitation-Western Blot (IP-WB)<br>Immunoprecipitation of ATG7 transfected lysate using rabbit polyclonal anti-ATG7 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-ATG7. |
| <b>Supplied Product</b>              | Antibody pair set content:<br>1. Antibody pair for IP: rabbit polyclonal anti-ATG7 (300 ul)<br>2. Antibody pair for WB: mouse purified polyclonal anti-ATG7 (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 — ATG7

**Entrez GeneID** [10533](#)

**Gene Name** ATG7

**Gene Alias** APG7-LIKE, APG7L, DKFZp434N0735, GSA7

**Gene Description** ATG7 autophagy related 7 homolog (S. cerevisiae)

**Omim ID** [608760](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene was identified based on homology to Pichia pastoris GSA7 and Saccharomyces cerevisiae APG7. In the yeast, the protein appears to be required for fusion of peroxisomal and vacuolar membranes. The protein shows homology to the ATP-binding and catalytic sites of the E1 ubiquitin activating enzymes. [provided by RefSeq]

**Other Designations** APG7 autophagy 7-like|ubiquitin activating enzyme E1-like protein

## Pathway

- [Regulation of autophagy](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Huntington Disease](#)
- [Tobacco Use Disorder](#)