

# ATG3 Rabbit Polyclonal Antibody



CAB5809

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

37kDa

### Calculated MW:

35kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Immunogen information

### Gene ID:

64422

### Uniprot

Q9NT62

### Synonyms:

ATG3; APG3; APG3-LIKE; APG3L; PC3-96

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

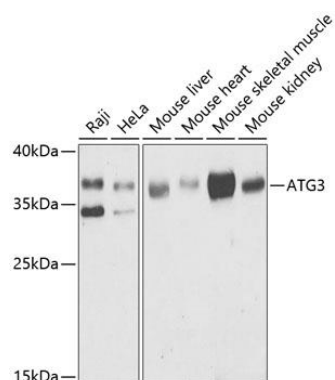
Recombinant fusion protein containing a sequence corresponding to amino acids 1-314 of human ATG3 (NP\_071933.2).

### Storage:

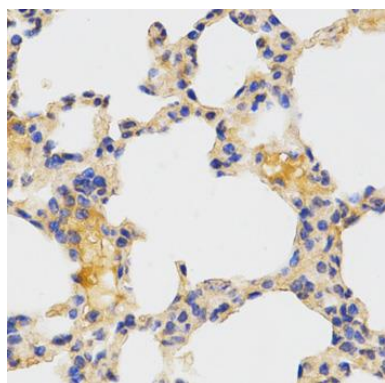
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

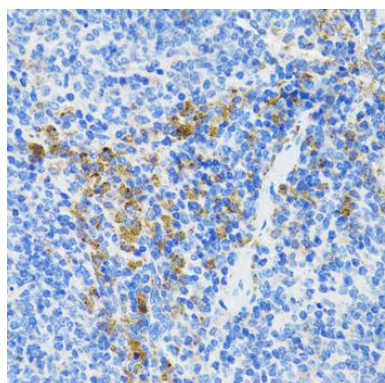
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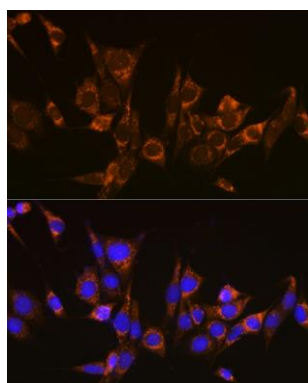
Western blot analysis of extracts of various cell lines, using ATG3 antibody (CAB5809) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse lung using ATG3 antibody (CAB5809) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using ATG3 antibody (CAB5809) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using ATG3 Rabbit pAb (CAB5809) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.