

**ATG16L2 Antibody (Center K292)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11695c****Specification**

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**ATG16L2 Antibody (Center K292) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | IHC-P, WB,E                                          |
| Primary Accession | <a href="#">Q8NAA4</a>                               |
| Other Accession   | <a href="#">Q6KAU8</a> , <a href="#">NP_203746.1</a> |
| Reactivity        | Human                                                |
| Predicted         | Mouse                                                |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Calculated MW     | 68998                                                |
| Antigen Region    | 277-304                                              |

**ATG16L2 Antibody (Center K292) - Additional Information****Gene ID** 89849**Other Names**

Autophagy-related protein 16-2, APG16-like 2, WD repeat-containing protein 80, ATG16L2, WDR80

**Target/Specificity**

This ATG16L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-304 amino acids from the Central region of human ATG16L2.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ATG16L2 Antibody (Center K292) is for research use only and not for use in diagnostic or therapeutic procedures.

**ATG16L2 Antibody (Center K292) - Protein Information****Name** ATG16L2

**Synonyms** WDR80

**Function** May play a role in regulating epithelial homeostasis in an ATG16L1-dependent manner.

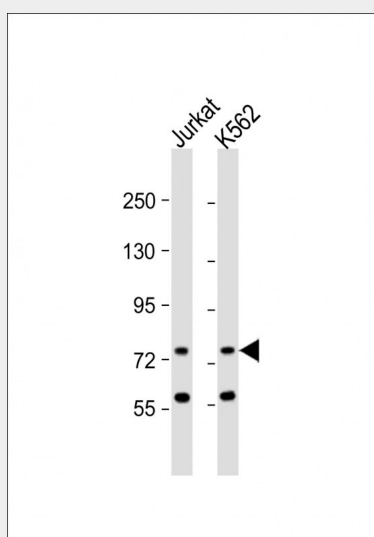
**Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q6KAU8}. Note=Also localizes to discrete punctae along the ciliary axoneme. {ECO:0000250|UniProtKB:Q6KAU8}

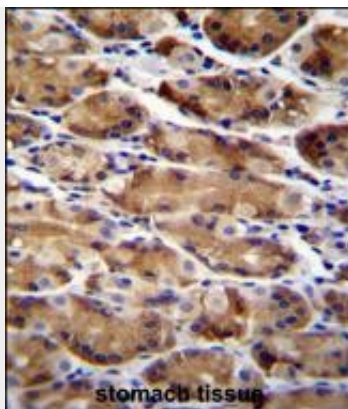
**ATG16L2 Antibody (Center K292) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ATG16L2 Antibody (Center K292) - Images**

All lanes : Anti-ATG16L2 Antibody (Center K292) at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ATG16L2 Antibody (Center K292) (Cat. #AP11695c) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ATG16L2 Antibody (Center K292) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **ATG16L2 Antibody (Center K292) - Background**

ATG16L2 may play a role in autophagy (By similarity).

#### **ATG16L2 Antibody (Center K292) - References**

Hattori, A., et al. DNA Res. 7(6):357-366(2000)

#### **ATG16L2 Antibody (Center K292) - Citations**

- [Three-dimensional tumor cell growth stimulates autophagic flux and recapitulates chemotherapy resistance.](#)