

**ATG16L2 Antibody (Center K292) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11695c****Specification**

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**ATG16L2 Antibody (Center K292) Blocking peptide - Product Information**Primary Accession [Q8NAA4](#)**ATG16L2 Antibody (Center K292) Blocking peptide - Additional Information****Gene ID** 89849**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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

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

- [Blocking Peptides](#)

**ATG16L2 Antibody (Center K292) Blocking peptide - Images****ATG16L2 Antibody (Center K292) Blocking peptide - Background**

The ADF (actin-depolymerizing factor)/cofilin family (see MIM 601442) is composed of stimulus-responsive mediators of actin dynamics. ADF/cofilin proteins are inactivated by kinases such as LIM domain kinase-1 (LIMK1; MIM 601329). The SSH family appears to play a role in actin dynamics by reactivating ADF/cofilin proteins *in vivo* (Niwa et al., 2002 [PubMed 11832213]).

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

Kousaka, K., et al. *Genesis* 46(5):246-255(2008) Kligys, K., et al. *J. Biol. Chem.* 282(44):32520-32528(2007) Beausoleil, S.A., et al. *Nat. Biotechnol.* 24(10):1285-1292(2006) Soosairajah, J., et al. *EMBO J.* 24(3):473-486(2005) Ohta, Y., et al. *Genes Cells* 8(10):811-824(2003)