

**ATL3 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP4715c**Specification**

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**ATL3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q6DD88](#)**ATL3 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 25923

**Other Names**

Atlastin-3, 365-, ATL3

**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.

**ATL3 Antibody (Center) Blocking Peptide - Protein Information**

Name ATL3

**Function**GTPase tethering membranes through formation of trans- homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis (PubMed: [18270207](http://www.uniprot.org/citations/18270207), PubMed: [19665976](http://www.uniprot.org/citations/19665976), PubMed: [27619977](http://www.uniprot.org/citations/27619977)).**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein Note=Localizes to endoplasmic reticulum tubules and accumulates in punctuate structures corresponding to 3-way junctions, which represent crossing-points at which the tubules build a polygonal network

**Tissue Location**

Expressed in the central nervous system and in dorsal root ganglia neurons. Expressed in peripheral tissues (at protein level).

## **ATL3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **ATL3 Antibody (Center) Blocking Peptide - Images**

## **ATL3 Antibody (Center) Blocking Peptide - Background**

ATL3 is GTPase tethering membranes through formation of trans-homooligomer and mediating homotypic fusion of endoplasmic reticulum membranes. ATL3 is function in endoplasmic reticulum tubular network biogenesis.

## **ATL3 Antibody (Center) Blocking Peptide - References**

Hu, J., et al. Cell 138(3):549-561(2009)  
Rismanchi, N., et al. Hum. Mol. Genet. 17(11):1591-1604(2008)