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ATL3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP4715c

Specification

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, PubMed:19665976, PubMed: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).

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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)