

KIAA1715 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18933a**Specification**

KIAA1715 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9C0E8](#)**KIAA1715 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 80856

Other Names

Protein lunapark, LNP, KIAA1715

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.

KIAA1715 Antibody (N-term) Blocking Peptide - Protein InformationName LNPK ([HGNC:21610](#))**Function**

Endoplasmic reticulum (ER)-shaping membrane protein that plays a role in determining ER morphology (PubMed: [30032983](http://www.uniprot.org/citations/30032983)). Involved in the stabilization of nascent three-way ER tubular junctions within the ER network (PubMed: [24223779](http://www.uniprot.org/citations/24223779), PubMed: [25404289](http://www.uniprot.org/citations/25404289), PubMed: [25548161](http://www.uniprot.org/citations/25548161), PubMed: [27619977](http://www.uniprot.org/citations/27619977)). May also play a role as a curvature-stabilizing protein within the three-way ER tubular junction network (PubMed: [25404289](http://www.uniprot.org/citations/25404289)). May be involved in limb development (By similarity). Is involved in central nervous system development (PubMed: [30032983](http://www.uniprot.org/citations/30032983)).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein; Cytoplasmic side
Note=Localizes at endoplasmic reticulum (ER) three-way tubular junctions, which represent crossing-points at which the tubules build a polygonal network (PubMed:22729086, PubMed:24223779, PubMed:25404289, PubMed:25548161, PubMed:27619977).

Tissue Location

Expressed in neural precursor cells, where it is detected at the growth-cone-like structure and branching sites of neurite-like processes.

KIAA1715 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KIAA1715 Antibody (N-term) Blocking Peptide - Images**KIAA1715 Antibody (N-term) Blocking Peptide - Background**

KIAA1715 may be involved in limb and central nervous system development (By similarity).

KIAA1715 Antibody (N-term) Blocking Peptide - References

Smith, J.G., et al. Heart Rhythm 6(5):634-641(2009)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
:Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Spitz, F., et al. Cell 113(3):405-417(2003)