

C19orf46 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9391c**Specification**

C19orf46 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8N205](#)

C19orf46 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 163183

Other Names

Nesprin-4, Nuclear envelope spectrin repeat protein 4, SYNE4, C19orf46

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.

C19orf46 Antibody (Center) Blocking Peptide - Protein Information

Name SYNE4

Synonyms C19orf46

Function

As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex, involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning (By similarity). Behaves as a kinesin cargo, providing a functional binding site for kinesin-1 at the nuclear envelope. Hence may contribute to the establishment of secretory epithelial morphology by promoting kinesin-dependent apical migration of the centrosome and Golgi apparatus and basal localization of the nucleus (By similarity).

Cellular Location

Nucleus outer membrane; Single-pass type IV membrane protein. Note=Localization at the nucleus outer membrane requires the presence of SUN1.

C19orf46 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C19orf46 Antibody (Center) Blocking Peptide - Images

C19orf46 Antibody (Center) Blocking Peptide - Background

C19orf46 contributes to the establishment of secretory epithelial morphology by promoting kinesin-dependent apical migration of the centrosome and Golgi apparatus and basal localization of the nucleus.

C19orf46 Antibody (Center) Blocking Peptide - References

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)