

SUNC1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9216c**Specification**

SUNC1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8TAQ9](#)**SUNC1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 256979**Other Names**

SUN domain-containing protein 3, Sad1/unc-84 domain-containing protein 1, SUN3, SUNC1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9216c](/products/AP9216c) was selected from the Center region of human SUNC1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SUNC1 Antibody (Center) Blocking Peptide - Protein Information**Name** SUN3**Synonyms** SUNC1**Function**

As a probable 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. May be involved in nuclear remodeling during sperm head formation in spermatogenesis. A probable SUN3:SYNE1 LINC complex may tether spermatid nuclei to posterior cytoskeletal structures such as the manchette.

Cellular Location

Membrane; Single-pass membrane protein. Nucleus envelope {ECO:0000250|UniProtKB:Q5SS91}

Nucleus inner membrane

SUNC1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SUNC1 Antibody (Center) Blocking Peptide - Images

SUNC1 Antibody (Center) Blocking Peptide - Background

SUNC1 is a single-pass membrane protein. It contains 1 Unc84 (SUN) domain.

SUNC1 Antibody (Center) Blocking Peptide - References

Chio,A., et.al., Hum. Mol. Genet. 18 (8), 1524-1532 (2009)Osada,N., et.al, BMC Genomics 3 (1), 36 (2002)