

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

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**SUNC1 Antibody (Center) Blocking Peptide -  
Product Information**Primary 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

**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)

## 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](#)