

SPACA4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10564c**Specification**

SPACA4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8TDM5](#)
Other Accession [NP_598005.1](#)

SPACA4 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 171169

Other Names

Sperm acrosome membrane-associated protein 4, Sperm acrosomal membrane-associated protein 14, SPACA4, SAMP14

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.

SPACA4 Antibody (Center) Blocking Peptide - Protein Information

Name SPACA4 ([HGNC:16441](#))

Function

Sperm surface membrane protein that may be involved in sperm- egg plasma membrane adhesion and fusion during fertilization.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Cytoplasmic vesicle, secretory vesicle, acrosome
Note=Expressed in acrosomal matrix and outer and inner acrosomal membranes.

Tissue Location

Testis specific (PubMed:12788941). Expressed in spermatozoa (PubMed:12788941).

SPACA4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SPACA4 Antibody (Center) Blocking Peptide - Images

SPACA4 Antibody (Center) Blocking Peptide - Background

Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization.

SPACA4 Antibody (Center) Blocking Peptide - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Shetty, J., et al. J. Biol. Chem. 278(33):30506-30515(2003)