

SPT19 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13095b**Specification**

SPT19 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q7Z5L4](#)**SPT19 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 219938**Other Names**

Spermatogenesis-associated protein 19, mitochondrial, Spermatogenic cell-specific gene 1 protein, Spergen-1, SPATA19, SPERGEN1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13095b was selected from the C-term region of SPT19. 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.

SPT19 Antibody (C-term) Blocking peptide - Protein Information**Name** SPATA19**Synonyms** SPERGEN1**Function**

Essential for sperm motility and male fertility (By similarity). Plays an important role in sperm motility by regulating the organization and function of the mitochondria and is also required for correct sperm midpiece assembly (By similarity).

Cellular Location

Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q9DAQ9}. Mitochondrion {ECO:0000250|UniProtKB:Q9DAQ9}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9DAQ9}. Note=Localizes to the midpiece of the sperm flagellum. {ECO:0000250|UniProtKB:Q9DAQ9}

Tissue Location

Expressed specifically in testis.

SPT19 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SPT19 Antibody (C-term) Blocking peptide - Images**SPT19 Antibody (C-term) Blocking peptide - Background**

SPT19 may have a role in spermiogenesis.

SPT19 Antibody (C-term) Blocking peptide - References

Ghafouri-Fard, S., et al. Br. J. Dermatol. 162(4):772-779(2010)Stolk, L., et al. Nat. Genet. 41(6):645-647(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)