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SPANXE Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP19072c

Specification

SPANXE Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q8TAD1

SPANXE Antibody (Center) Blocking Peptide - Additional Information

Other Names
Sperm protein associated with the nucleus on the X chromosome E, Nuclear-associated protein SPAN-Xe, SPANX-E, SPANX family member E, SPANXE

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.

SPANXE Antibody (Center) Blocking Peptide - Protein Information

SPANXE Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

SPANXE Antibody (Center) Blocking Peptide - Images

SPANXE Antibody (Center) Blocking Peptide - Background

Temporally regulated transcription and translation ofseveral testis-specific genes is required to initiate the series ofmolecular and morphological changes in the male germ cell lineagenecessary for the formation of mature spermatozoa. This gene is amember of the SPANX family of cancer/testis-associated genes, whichare located in a cluster on chromosome X. The SPANX genes encodedifferentially expressed testis-specific proteins that localize tovarious subcellular compartments. This particular gene encodes asperm protein that contains a consensus nuclear localization signalbut, although a role in spermatogenesis is suggested, the specificfunction of this family member has not yet been determined.

SPANXE Antibody (Center) Blocking Peptide - References

Hansen, S., et al. Syst Biol Reprod Med 55, 18-26 (2010) :Kouprina, N., et al. Genome Res. 15(11):1477-1486(2005)Zendman, A.J., et al. Gene 309(2):125-133(2003)Westbrook, V.A., et al. Biol. Reprod. 64(1):345-358(2001)