

# 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**





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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)