

**TXNDC8 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10920b****Specification**

---

**TXNDC8 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q6A555](#)

**TXNDC8 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 255220

**Other Names**

Thioredoxin domain-containing protein 8, Spermatid-specific thioredoxin-3, Sptrx-3, Thioredoxin-6, TXNDC8, SPTRX3, TRX6

**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.

**TXNDC8 Antibody (C-term) Blocking peptide - Protein Information**

**Name** TXNDC8

**Synonyms** SPTRX3, TRX6

**Function**

May be required for post-translational modifications of proteins required for acrosomal biogenesis. May act by reducing disulfide bonds within the sperm.

**Cellular Location**

Cytoplasm. Golgi apparatus

**Tissue Location**

Testis-specific. Only expressed during spermiogenesis, prominently in the Golgi apparatus of pachytene spermatocytes and round and elongated spermatids, with a transient localization in the developing acrosome of round spermatids (at protein level).

**TXNDC8 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TXNDC8 Antibody (C-term) Blocking peptide - Images**

**TXNDC8 Antibody (C-term) Blocking peptide - Background**

May be required for post-translational modifications of proteins required for acrosomal biogenesis.  
May act by reducing disulfide bonds within the sperm.

**TXNDC8 Antibody (C-term) Blocking peptide - References**

Jimenez, A., et al. J. Biol. Chem. 279(33):34971-34982(2004)Humphray, S.J., et al. Nature  
429(6990):369-374(2004)