

TSGA10 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19598a**Specification**

TSGA10 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [Q9BZW7](#)**TSGA10 Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 80705**Other Names**

Testis-specific gene 10 protein, Testis development protein NYD-SP7, TSGA10, CEP4L

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.

TSGA10 Antibody(N-term) Blocking peptide - Protein Information**Name** TSGA10**Synonyms** CEP4L**Function**

Plays a role in spermatogenesis (PubMed:28905369). When overexpressed, prevents nuclear localization of HIF1A (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9Z220}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=In mature spermatozoa, localizes to the centriole and midpiece (PubMed:28905369). The 27-kDa peptide associates with the fibrous sheath in mature spermatozoa and localizes to the principal piece of sperm tail, while the 55-kDa peptide localizes to the midpiece (By similarity). Detected in the cytoplasm of almost all spermatogonial cells within the seminiferous tubules (By similarity). {ECO:0000250|UniProtKB:Q9Z220, ECO:0000269|PubMed:28905369}

Tissue Location

Expressed in the testis, in spermatozoa (at protein level) (PubMed:11179690, PubMed:28905369). Expressed in actively dividing fetal tissues, including sternum, intestine, limb, kidney and stomach

(PubMed:14585816).

TSGA10 Antibody(N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TSGA10 Antibody(N-term) Blocking peptide - Images

TSGA10 Antibody(N-term) Blocking peptide - Background

TSGA10 may play a role in the sperm tail fibrous sheath, a major sperm tail structure (By similarity).

TSGA10 Antibody(N-term) Blocking peptide - References

Roghanian, A., et al. Cell. Immunol. 265(2):120-126(2010)Reimand, K., et al. Int. Immunol. 20(1):39-44(2008)Mobasheri, M.B., et al. Leuk. Res. 30(7):883-889(2006)Tanaka, R., et al. Microbiol. Immunol. 48(4):339-345(2004)Modarressi, M.H., et al. Gene 262 (1-2), 249-255 (2001) :