

TSSK1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7245c**Specification**

TSSK1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BXA7](#)**TSSK1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 83942**Other Names**

Testis-specific serine/threonine-protein kinase 1, TSK-1, TSK1, TSSK-1, Testis-specific kinase 1, Serine/threonine-protein kinase 22A, TSSK1B, SPOGA1, SPOGA4, STK22A, STK22D, TSSK1

Target/Specificity

The synthetic peptide sequence is selected from aa 352~367 of human TSSK1.

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.

TSSK1 Antibody (Center) Blocking Peptide - Protein Information**Name** TSSK1B**Synonyms** SPOGA1, SPOGA4, STK22A, STK22D, TSSK1**Function**

Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-288' of TSKS. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.

Cellular Location

Cytoplasm. Cytoplasmic vesicle, secretory vesicle, acrosome. Cell projection, cilium, flagellum. Note=In spermatozoa, present in the sperm head and in the flagellum.

Tissue Location

Testis-specific. Present in sperm (at protein level).

TSSK1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TSSK1 Antibody (Center) Blocking Peptide - Images

TSSK1 Antibody (Center) Blocking Peptide - Background

TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM]

TSSK1 Antibody (Center) Blocking Peptide - References

Ota, T., et al., Nat. Genet. 36(1):40-45 (2004).