

TSSK6 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12462a**Specification**

TSSK6 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9BXA6](#)**TSSK6 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 83983**Other Names**

Testis-specific serine/threonine-protein kinase 6, TSK-6, TSSK-6, Testis-specific kinase 6, Cancer/testis antigen 72, CT72, Serine/threonine-protein kinase SSTK, Small serine/threonine kinase, TSSK6 {ECO:0000312|EMBL:AAH146111}

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.

TSSK6 Antibody (N-term) Blocking peptide - Protein Information**Name** TSSK6 {ECO:0000312|EMBL:AAH14611.1}**Function**

Serine/threonine-protein kinase component of the sperm flagellar doublet microtubules (PubMed:15870294). May act as a regulator of sperm motility by mediating phosphorylation of sperm doublet microtubule proteins (By similarity). Plays a role in DNA condensation during postmeiotic chromatin remodeling and histone-to-protamine transition during spermatogenesis (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q925K9}. Nucleus {ECO:0000250|UniProtKB:Q925K9} Note=Component of the sperm flagellar doublet microtubules. Also localizes in the nucleus of elongating spermatids {ECO:0000250|UniProtKB:Q925K9}

Tissue Location

Highly expressed in testis. Expressed at lower levels in colon, small intestine, ovary, prostate, thymus, spleen and peripheral blood leukocytes.

TSSK6 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TSSK6 Antibody (N-term) Blocking peptide - Images**TSSK6 Antibody (N-term) Blocking peptide - Background**

TSSK6 is a serine/threonine protein kinase that is required for postmeiotic chromatin remodeling and male fertility (Spiridonov et al., 2005 [PubMed 15870294]).

TSSK6 Antibody (N-term) Blocking peptide - References

Su, D., et al. Asian J. Androl. 12(2):234-239(2010) Chen, X., et al. Biochem. Biophys. Res. Commun. 333(3):742-749(2005) Spiridonov, N.A., et al. Mol. Cell. Biol. 25(10):4250-4261(2005) Hao, Z., et al. Mol. Hum. Reprod. 10(6):433-444(2004)