

**Mouse Tssk2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14300b****Specification**

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**Mouse Tssk2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O54863](#)**Mouse Tssk2 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 22115

**Other Names**

Testis-specific serine/threonine-protein kinase 2, TSK-2, TSK2, TSSK-2, Testis-specific kinase 2, Serine/threonine-protein kinase 22B, Tssk2, Stk22b

**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.

**Mouse Tssk2 Antibody (C-term) Blocking Peptide - Protein Information**

Name Tssk2

Synonyms Stk22b

**Function**

Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-281' of TSKS and SPAG16. 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. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasmic vesicle, secretory vesicle, acrosome. Note=Present in the cytoplasm of elongating spermatids. In spermatozoa, localizes in the equatorial segment, neck, the midpiece and in a specific sperm head compartment In spermatids, concentrates in centrioles during flagellogenesis Localizes in the tail and acrosomal regions of epididymal sperm

**Tissue Location**

Testis-specific. Expressed only in the spermatids postmeiotically at the final stages of

cytodifferentiation in the seminiferous tubules (at protein level). Not detected in released sperms in the lumen of the seminiferous tubules. Also present in the epididymal sperm (at protein level).

### **Mouse Tssk2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **Mouse Tssk2 Antibody (C-term) Blocking Peptide - Images**

### **Mouse Tssk2 Antibody (C-term) Blocking Peptide - Background**

Tssk2 is involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm.