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Mouse Tssk2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14300b

Specification

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.