

**Mouse Tssk3 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17810b**

**Specification**

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**Mouse Tssk3 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9D2E1</a>
Other Accession	<a href="#">O96PN8</a> , <a href="#">NP_536690.1</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	231-258

**Mouse Tssk3 Antibody (C-term) - Additional Information**

**Gene ID** 58864

**Other Names**

Testis-specific serine/threonine-protein kinase 3, TSK-3, TSSK-3, Testis-specific kinase 3, Serine/threonine-protein kinase 22C, Tssk3, Stk22c, Stk22d

**Target/Specificity**

This Mouse Tssk3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-258 amino acids from the C-terminal region of mouse Tssk3.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Mouse Tssk3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Tssk3 Antibody (C-term) - Protein Information**

**Name** Tssk3 {ECO:0000303|PubMed:10781952, ECO:0000312|MGI:MGI:1929914}

**Function** Serine/threonine protein kinase required for spermatid development and male fertility.

**Cellular Location**

Cell projection, cilium, flagellum. Note=Localizes to the sperm flagellum in mature sperm.

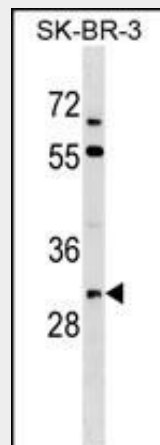
**Tissue Location**

Developmentally expressed in testicular germ cells. In adult testis, expression was detected in round and condensing spermatids, but not in meiotic pachytene spermatocytes. Not expressed in brain, ovary, kidney, liver or early embryonic cells

**Mouse Tssk3 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Mouse Tssk3 Antibody (C-term) - Images**

Mouse Tssk3 Antibody (C-term) (Cat. #AP17810b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the Tssk3 antibody detected the Tssk3 protein (arrow).

**Mouse Tssk3 Antibody (C-term) - Background**

Tssk3 may be involved in a signaling pathway during male germ cell development or mature sperm function.

**Mouse Tssk3 Antibody (C-term) - References**

Bucko-Justyna, M., et al. FEBS J. 272(24):6310-6323(2005)  
Visconti, P.E., et al. Genomics 77(3):163-170(2001)  
Zuercher, G., et al. Mech. Dev. 93 (1-2), 175-177 (2000) :

**Mouse Tssk3 Antibody (C-term) - Citations**

- [TSSK3, a novel target for male contraception, is required for spermiogenesis](#)