

**TESK2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7821c****Specification**

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**TESK2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O96S53](#)  
Other Accession [NP\\_009101](#)

**TESK2 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 10420

**Other Names**

Dual specificity testis-specific protein kinase 2, Testicular protein kinase 2, TESK2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7821c](/product/products/AP7821c) was selected from the Center region of human TESK2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**TESK2 Antibody (Center) Blocking Peptide - Protein Information**

**Name** TESK2

**Function**

Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Phosphorylates cofilin at 'Ser- 3'. May play an important role in spermatogenesis.

**Cellular Location**

Nucleus.

**Tissue Location**

Predominantly expressed in testis and prostate. Found predominantly in non-germinal Sertoli cells

## **TESK2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **TESK2 Antibody (Center) Blocking Peptide - Images**

## **TESK2 Antibody (Center) Blocking Peptide - Background**

TESK2 is a dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. TESK2 phosphorylates cofilin at Ser-3. It may play an important role in spermatogenesis. This nuclear enzyme is thought to be activated by autophosphorylation on Ser-219. Expression is predominantly in testis and prostate, with highest concentrations in nongerminal Sertoli cells.

## **TESK2 Antibody (Center) Blocking Peptide - References**

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).Toshima, J., et al., J. Biol. Chem. 276(33):31449-31458 (2001).Rosok, O., et al., Genomics 61(1):44-54 (1999).