

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

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).