10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PRSS21 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11645c

Specification

PRSS21 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9Y6M0

PRSS21 Antibody (Center) Blocking peptide - Additional Information

Gene ID 10942

Other Names
Testisin, 3421-, Eosinophil serine protease 1, ESP-1, Serine protease 21, PRSS21, ESP1, TEST1

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.

PRSS21 Antibody (Center) Blocking peptide - Protein Information

Name PRSS21

Synonyms ESP1, TEST1

Function
Could regulate proteolytic events associated with testicular germ cell maturation.

Cellular Location
Cell membrane; Lipid-anchor, GPI- anchor

Tissue Location
Expressed predominantly in premeiotic testicular germ cells, mostly late pachytene and diplotene spermatocytes

PRSS21 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

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PRSS21 Antibody (Center) Blocking peptide - Images

PRSS21 Antibody (Center) Blocking peptide - Background

This gene encodes a cell-surface anchored serine protease,which is a member of the trypsin family of serine proteases. It ispredicted to be active on peptide linkages involving the carboxylgroup of lysine or arginine. The protein localizes to the cytoplasmand the plasma membrane of premeiotic testicular germ cells and itmay be involved in progression of testicular tumors of germ cellorigin. Alternative splicing of this gene results in threetranscript variants encoding three different isoforms. [provided byRefSeq].

PRSS21 Antibody (Center) Blocking peptide - References

Yeom, S.Y., et al. FEBS Lett. 584(8):1469-1475(2010)Netzel-Arnett, S., et al. Biol. Reprod. 81(5):921-932(2009)Kempkensteffen, C., et al. J. Cancer Res. Clin. Oncol. 132(12):765-770(2006)Manton, K.J., et al. Br. J. Cancer 92(4):760-769(2005)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)