



PRSS21 Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP11645c

Specification

PRSS21 Antibody (Center) Blocking peptide - Product Information

Primary Accession <u>O9Y6M0</u>

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

PRSS21 Antibody (Center) Blocking peptide - Background

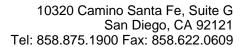
This gene encodes a cell-surface anchored serine protease, which is a member of the trypsin family of serine proteases. It ispredicted to be active on peptide linkages involving the carboxylgroup of lysine or arginine. The protein localizes to the cytoplasmand the plasma membrane of premeiotic testicular 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)





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