

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](#)

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 is predicted to be active on peptide linkages involving the carboxyl group of lysine or arginine. The protein localizes to the cytoplasm and the plasma membrane of premeiotic testicular germ cells and it may be involved in progression of testicular tumors of germ cell origin. Alternative splicing of this gene results in three transcript variants encoding three different isoforms. [provided by RefSeq].

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)