

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

**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)

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](#)