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TESSP2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP16465c

Specification

TESSP2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q7Z5A4

TESSP2 Antibody (Center) Blocking Peptide - Additional Information

Other Names
Serine protease 42, 3421-, Testis serine protease 2, PRSS42, TESSP2

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.

TESSP2 Antibody (Center) Blocking Peptide - Protein Information

Name PRSS42P (HGNC:30716)

Function
Plays a role in spermatogenesis. Involved in germ cell survival during meiosis.

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q8VIF2}. Cell membrane {ECO:0000250|UniProtKB:Q8VIF2}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q8VIF2}

TESSP2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

TESSP2 Antibody (Center) Blocking Peptide - Images

TESSP2 Antibody (Center) Blocking Peptide - Background

TESSP2 (testis serine protease 2) is a 293 amino acid secreted protein that belongs to the peptidase S1 family. TESSP2 contains one peptidase S1 domain and is encoded by a gene mapping to human chromosome 3p21.31. Chromosome 3 houses over 1,100 genes, including a chemokine

receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

TESSP2 Antibody (Center) Blocking Peptide - References

Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003)