

PRSS16 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16588a**Specification**

PRSS16 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9NQE7](#)

PRSS16 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10279

Other Names

Thymus-specific serine protease, 34--, Serine protease 16, PRSS16, TSSP

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.

PRSS16 Antibody (N-term) Blocking Peptide - Protein Information

Name PRSS16

Synonyms TSSP

Function

Protease that may play a role in T-cell development.

Cellular Location

Cytoplasmic vesicle. Note=Vesicular, either lysosomal or endosomal

Tissue Location

Expressed predominantly in cortical thymic epithelial cells

PRSS16 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PRSS16 Antibody (N-term) Blocking Peptide - Images

PRSS16 Antibody (N-term) Blocking Peptide - Background

This gene encodes a serine protease expressed exclusively in the thymus. It is thought to play a role in the alternative antigen presenting pathway used by cortical thymic epithelial cells during the positive selection of T cells. The gene is found in the large histone gene cluster on chromosome 6, near the major histocompatibility complex (MHC) class I region. A second transcript variant has been described, but its full length nature has not been determined.

PRSS16 Antibody (N-term) Blocking Peptide - References

Shi, J., et al. Nature 460(7256):753-757(2009) Stefansson, H., et al. Nature 460(7256):744-747(2009) Viken, M.K., et al. Genes Immun. 10(4):323-333(2009) Lie, B.A., et al. Hum. Immunol. 68(7):592-598(2007) Luther, C., et al. Genes Immun. 6(1):1-7(2005)