

PRSS2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13719c**Specification**

PRSS2 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P07478](#)

PRSS2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 5645

Other Names

Trypsin-2, Anionic trypsinogen, Serine protease 2, Trypsin II, PRSS2, TRY2, TRYP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13719c was selected from the Center region of PRSS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PRSS2 Antibody (Center) Blocking peptide - Protein Information

Name PRSS2

Synonyms TRY2, TRYP2

Function

In the ileum, may be involved in defensin processing, including DEFA5.

Cellular Location

Secreted, extracellular space.

Tissue Location

Expressed in Paneth cells, at the base of small intestinal crypts.

PRSS2 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PRSS2 Antibody (Center) Blocking peptide - Images

PRSS2 Antibody (Center) Blocking peptide - Background

This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7.

PRSS2 Antibody (Center) Blocking peptide - References

Felderbauer, P., et al. Exp. Clin. Endocrinol. Diabetes (2010) In press :Gao, J., et al. Oncol. Rep. 23(6):1683-1692(2010)Cevik, Y., et al. Ulus Travma Acil Cerrahi Derg 16(2):125-129(2010)Andersen, A.M., et al. Pancreas 39(1):26-30(2010)Johansen, D., et al. Pancreatology 10 (2-3), 229-237 (2010) :