

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

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**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) :