

PRSS3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP10489a**Specification**

PRSS3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P35030](#)
Other Accession [NP_002762.2](#)

PRSS3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5646

Other Names

Trypsin-3, Brain trypsinogen, Mesotrypsinogen, Serine protease 3, Serine protease 4, Trypsin III, Trypsin IV, PRSS3, PRSS4, TRY3, TRY4

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.

PRSS3 Antibody (N-term) Blocking Peptide - Protein Information

Name PRSS3

Synonyms PRSS4, TRY3, TRY4

Function

Digestive protease that cleaves proteins preferentially after an Arg residue and has proteolytic activity toward Kunitz-type trypsin inhibitors.

Cellular Location

Secreted.

Tissue Location

Detected in pancreas and pancreatic fluid (at protein level) (PubMed:6698368). Expressed in pancreas and brain (PubMed:8294000). Detected in ileum (PubMed:12021776)

PRSS3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PRSS3 Antibody (N-term) Blocking Peptide - Images

PRSS3 Antibody (N-term) Blocking Peptide - Background

PRSS3 encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. PRSS3 is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene.

PRSS3 Antibody (N-term) Blocking Peptide - References

Jiang, G., et al. Gut 59(11):1535-1544(2010) Nakanishi, J., et al. J. Invest. Dermatol. 130(4):944-952(2010) Salameh, M.A., et al. J. Biol. Chem. 285(3):1939-1949(2010) Rosendahl, J., et al. Pancreatology 10 (2-3), 243-249 (2010) Koistinen, H., et al. Neuroscience 160(1):97-102(2009)