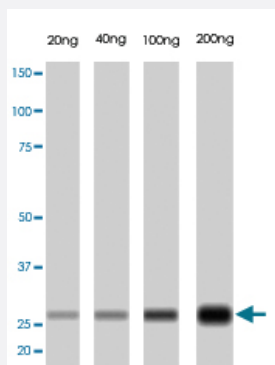


PRSS1 monoclonal antibody, clone A16-N

Catalog # MAB1641

Size 50 uL

Applications



Western Blot (Recombinant protein)

PRSS1 monoclonal antibody, clone A16-N (Cat # MAB1641) . Western blot of PRSS1 in human trypsin (Acris Antibodies GmbH; Trypsin-human pancreas; BA630) .

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of PRSS1.

Immunogen A synthetic peptide corresponding to N-terminus of human PRSS1 .

Host Rabbit

Reactivity Human

Form Liquid

Isotype IgG

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage Western Blot (1:4000)
ELISA (1:20000-1:50000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 20 mM Tris-HCl, pH 8.0 (10 mg/mL BSA, 0.05% sodium azide)

Storage Instruction Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

PRSS1 monoclonal antibody, clone A16-N (Cat # MAB1641) . Western blot of PRSS1 in human trypsin (Acris Antibodies GmbH; Trypsin-human pancreas; BA630) .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRSS1

Entrez GeneID [5644](#)

Gene Name PRSS1

Gene Alias MGC120175, MGC149362, TRP1, TRY1, TRY4, TRYP1

Gene Description protease, serine, 1 (trypsin 1)

Omim ID [167800](#) [276000](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]

Other Designations cationic trypsinogen|digestive zymogen|nonfunctional trypsin 1|protease, serine, 1|serine protease 1|trypsin I|trypsinogen 1|trypsinogen A

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)

- [Adenocarcinoma](#)
- [Calcinosis](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)