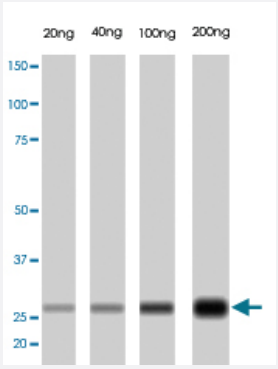
PRSS1 monoclonal antibody, clone A16-N

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.

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

Applications

- Enzyme-linked Immunoabsorbent Assay
- 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) .

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. Thi s enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is acti ve on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene ar e associated with hereditary pancreatitis. This gene and several other trypsinogen genes are loca lized 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

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- 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

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