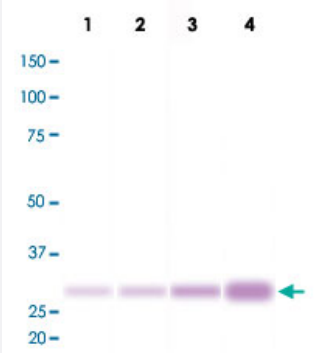
PRSS1 monoclonal antibody, clone A16-N

Catalog # MAB15901 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human pancreas (Lane 1: 20 ng, Lane 2: 40 ng, Lane 3: 100 ng and Lane 4: 200 ng) with PRSS1 monoclonal antibody, clone A16-N (Cat # MAB15901).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PRSS1.
Immunogen	A synthetic peptide corresponding to amino acids 92-106 at N-terminus of human PRSS1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Isotype	IgG
Recommend Usage	ELISA (1:20000-1:50000) Western Blot (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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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 (Tissue lysate)

  Western Blot analysis of human pancreas (Lane 1: 20 ng, Lane 2: 40 ng, Lane 3: 100 ng and Lane 4: 200 ng) with PRSS1 monoclonal antibody, clone A16-N (Cat # MAB15901).

Gene Info — PRSS1

Entrez GeneID	5644
Protein Accession#	P07477
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

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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

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