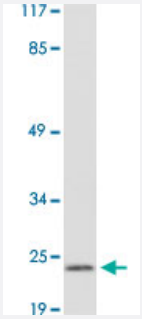
PRSS1 polyclonal antibody

Catalog # PAB25073 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with PRSS1 polyclonal antibody (Cat # PAB25073).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PRSS1.
Immunogen	A synthetic peptide corresponding to PRSS1.
Host	Rabbit
Theoretical MW (kDa)	28
Reactivity	Human
Specificity	PRSS1 polyclonal antibody detects endogenous levels of PRSS1 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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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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