

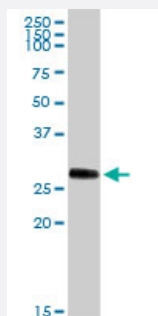
MaxPab®

PRSS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005644-D01P

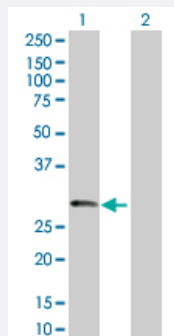
Size 100 ug

Applications



Western Blot (Tissue lysate)

PRSS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PRSS1 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of PRSS1 expression in transfected 293T cell line ([H00005644-T02](#)) by PRSS1 MaxPab polyclonal antibody.

Lane 1: PRSS1 transfected lysate(26.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PRSS1 protein.

Immunogen

PRSS1 (NP_002760.1, 1 a.a. ~ 247 a.a) full-length human protein.

Sequence

MNPLLILTFVAAALAAPFDDDDKIVGGYNCEENSVPYQVSLNSGYHFCGGSLINEQWVVSAGHCY
KSRIQVRLGEHNIEVLEGNEQFINAAKIIIRHPQYDRKTLNNDIMLIKSSRAVINARVSTISLPTAPPAT
GTKCLISGWGNTASSGADYPDELQCLDAPVLSQAKCEASYPGKITSNMFCVGFLEGGKDSCQG
DSGGPVVCNGQLQGVVSWGDGCAQKNKPGVYTKVYNYVKWIKNTIAANS

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — PRSS1

Entrez GeneID	5644
GeneBank Accession#	NM_002769.2
Protein Accession#	NP_002760.1
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](#)