ARG67380
anti-PRSS1 antibody [SQab30422]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [SQab30422] recognizes PRSS1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30422
Isotype	IgG
Target Name	PRSS1
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	PRSS1; TRP1; Serine Protease 1; Digestive Zymogen; TRY1; Anionic Trypsin-I; Cationic Trypsinogen; Protease Serine 1; Nonfunctional Trypsin 1; TCR V Beta 4.1; Protease, Serine 1; Trypsinogen A; Anionic Trypsin I; Trypsinogen 1; Pretrypsinogen I; Trypsin 1; Beta-Trypsin; Trypsin-1; Trypsin I; Trypsin; TRYP1; TRY4

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:200

Application Note: IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

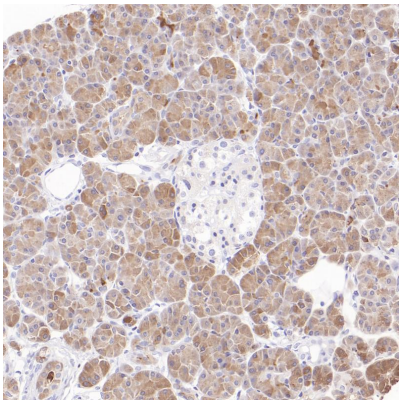
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PRSS1
Gene Full Name	Serine Protease 1
Background	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, Jul 2008]
Function	Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates. [UniProt]
Calculated Mw	26.5 kDa
PTM	Disulfide bond; Sulfation; Zymogen. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG67380 anti-PRSS1 antibody [SQab30422] IHC-P image

Immunohistochemistry: Human pancreas stained with ARG67380 anti-PRSS1 antibody [SQab30422].