

Rabbit Anti-PRSS2 antibody

SL10501R

Product Name	PRSS2
Chinese Name	丝氨酸蛋白酶 2 抗体
Alias	Anionic trypsinogen; EC 3.4.21.4; MGC111183; MGC120174; Protease serine 2 preproprotein; Protease, serine, 2 (trypsin 2); Protease, serine, 2; Protease, serine, 2, preproprotein; Prss2; Serine protease 2; TRY2; TRY2_HUMAN; TRY8; TRYP2; Trypsin 2; Trypsin II; Trypsin-2; Trypsinogen 2.
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Horse,)
Applications	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	25kDa
Cellular localization	Extracellular matrix Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PRSS2: 21-120/247
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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. 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:

In the ileum, may be involved in defensin processing, including DEFA5.

Subcellular Location:

Secreted, extracellular space.

Tissue Specificity:

Expressed in Paneth cells, at the base of small intestinal crypts.

Post-translational modifications:

Sulfated on tyrosine.

Similarity:

Belongs to the peptidase S1 family.
Contains 1 peptidase S1 domain.

SWISS:

P07478

Gene ID:

5645

Database links:

[Entrez Gene: 5645](#) Human

[Omim: 601564](#) Human

[SwissProt: P07478](#) Human

[Unigene: 449281](#) Human

[Unigene: 728780](#) Human