



## Rabbit Anti-PRSS2 antibody

SL10501R

<b>Product Name:</b>	PRSS2
<b>Chinese Name:</b>	丝氨酸蛋白酶2抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	25kDa
<b>Cellular localization:</b>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human PRSS2:21-120/247
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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

[Omin: 601564](#)Human

[SwissProt: P07478](#)Human

[Unigene: 449281](#)Human

[Unigene: 728780](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.