



## Rabbit Anti-Proteinase-activated receptor 4/ PAR4 antibody

SL9511R

<b>Product Name:</b>	Proteinase-activated receptor 4/PAR4
<b>Chinese Name:</b>	蛋白酶激活受体4抗体
<b>Alias:</b>	F2RL3; F2R Like Thrombin/Trypsin Receptor 3; Coagulation Factor II (Thrombin) Receptor-Like 3; Thrombin Receptor-Like 3; PAR-4; PAR4; Coagulation Factor II Receptor-Like 3; Proteinase-Activated Receptor-4; Proteinase-Activated Receptor 4; Protease-Activated Receptor-4; PAR4_HUMAN;
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:50-200 (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>	41kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Proteinase-activated receptor 4:191-385/385<Extracellular>
<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>	Coagulation factor II (thrombin) receptor-like 3 (F2RL3) is a member of the large

family of 7-transmembrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL3 is also a member of the protease-activated receptor family. F2RL3 is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. F2RL3 is activated by thrombin and trypsin. [provided by RefSeq, Jul 2008]

**Function:**

Receptor for activated thrombin or trypsin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Widely expressed, with highest levels in lung, pancreas, thyroid, testis and small intestine. Not expressed in brain, kidney, spinal cord and peripheral blood leukocytes. Also detected in platelets.

**Post-translational modifications:**

A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q96RI0

**Gene ID:**

9002

**Database links:**

[Entrez Gene: 9002](#)Human

[Omim: 602779](#)Human

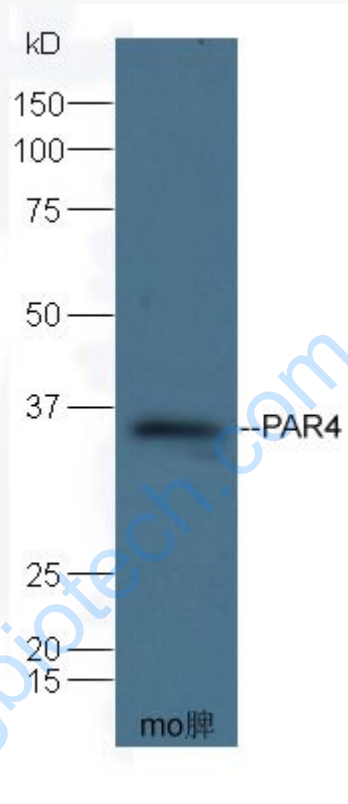
[SwissProt: Q96RI0](#)Human

[Unigene: 137574](#)Human

**Important Note:**

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

Picture:



Sample: Spleen (Mouse) Lysate at 40 ug

Primary: Anti-Proteinase-activated receptor 4/PAR4 (SL9511R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL9511R) at 1/5000 dilution

Predicted band size: 41 kD

Observed band size: 36 kD