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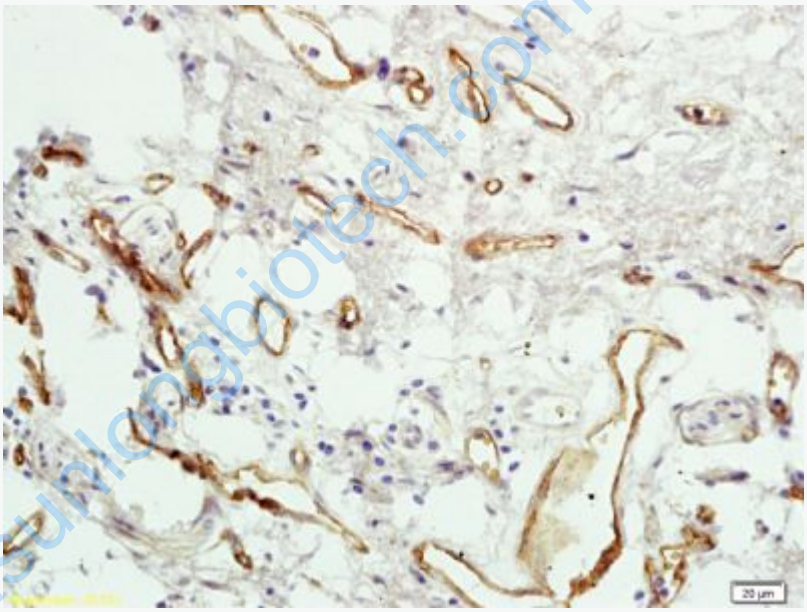
Rabbit Anti-Proteinase-activated receptor 4/PAR4 antibody

SL1196R

Product Name:	Proteinase-activated receptor 4/PAR4
Chinese Name:	蛋白酶活化受体4抗体
Alias:	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;
文献引用 PubMed :	**Specific References(1)**|SL1196R has been referenced in 1 publications. **[IF=3.61]**Oláh, Zita, et al. "Proteomic Analysis of Cerebrospinal Fluid in Alzheimers Disease: Wanted Dead or Alive." Journal of Alzheimers Disease (2014).**WB;Human.** PubMed:25428253
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Proteinase-activated receptor 4:301-385/385
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	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.
PubMed:	PubMed
Product Detail:	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: 9002Human Omim: 602779Human SwissProt: Q96RI0Human Unigene: 137574Human

	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 蛋白酶活化受体-4是蛋白酶活化受体PARs (protease-activated receptors , PARs)的成员之一，PAR4在激活、灭活、脱敏、复敏、及其与Signal transduction途径的关系,尤其是与疾病的关系正倍受关注。 PAR4具有广泛的生物学效应,最终影响细胞的形态的改变、分泌蛋白和整合蛋白的活化、代谢反应、转录过程和细胞运动，由此参与细胞的Signal transduction作用。
Picture:	 Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-PAR4 Polyclonal Antibody, Unconjugated(SL1196R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and

	DAB(C-0010) staining