




Rabbit Anti-Thrombin receptor/ PAR1 antibody

SL0828R

Product Name:	Thrombin receptor/ PAR1
Chinese Name:	蛋白酶激活受体-1抗体
Alias:	SAR; BXR; Proteinase-activated receptor 1 precursor; Thrombin receptor; Coagulation factor II receptor; D15S227E; Prader-Willi/Angelman region-1; PAR1; Coagulation factor II receptor; CF2R; Coagulation factor II (thrombin) receptor; F2R; HTR; PAR 1; PAR1; Protease activated receptor 1; Proteinase activated receptor 1; Thrombin receptor; TR; PAR-1; Coagulation factor II receptor; Coagulation factor II receptor; PAR-1; PAR1 HUMAN; Proteinase activated receptor 1; Proteinase-activated receptor 1.
文献引用 	<p>Specific References(3)SL0828R has been referenced in 3 publications.</p> <p>[IF=3.01]Liu, Rui, et al. "Identification of FLOT2 as a novel target for microRNA-34a in melanoma." Journal of Cancer Research and Clinical Oncology (2014): 1-14.WB;Human. PubMed:25403318</p> <p>[IF=2.31]Fan, Hai-Xia, et al. "Expression of MMP-1/PAR-1 and patterns of invasion in oral squamous cell carcinoma as potential prognostic markers." OncoTargets and therapy 8 (2015): 1619.IHC-P;Human. PubMed:26170698</p> <p>[IF=3.53]Acton, David, and Gareth B. Miles. "Stimulation of Glia Reveals Modulation of Mammalian Spinal Motor Networks by Adenosine." PLOS ONE 10.8 (2015): e0134488.IHC-P;Mouse. PubMed:26252389</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,

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:	42kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PAR1:251-350/425<Cytoplasmic>
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:	<p>Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member. [provided by RefSeq, Jul 2008]</p> <p>Function: High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Tissue Specificity: Platelets and vascular endothelial cells.</p> <p>Post-translational modifications: A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand. Phosphorylated; probably mediating desensitization prior to the uncoupling and internalization of the receptor.</p> <p>Similarity: Belongs to the G-protein coupled receptor 1 family.</p> <p>SWISS: P25116</p> <p>Gene ID: 2149</p>

Database links:

[Entrez Gene: 2149](#) Human

[Omim: 187930](#) Human

[SwissProt: P56488](#) Baboon

[SwissProt: P25116](#) Human

[Unigene: 482562](#) Human

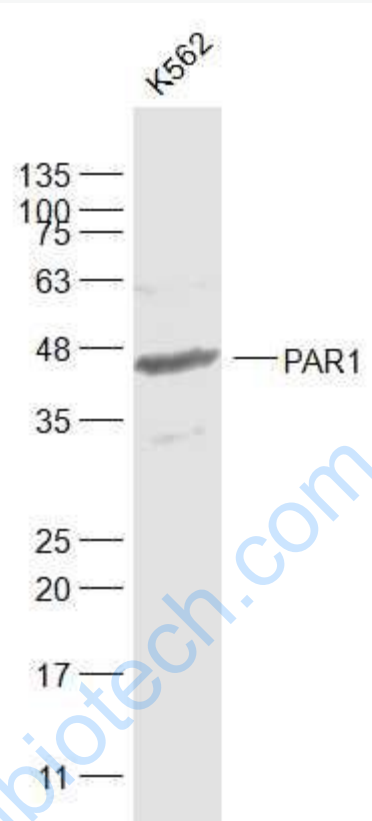
Important Note:

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

PAR蛋白全称为蛋白酶体活化受体(Protease-activated receptors), 又称:凝血酶受体(Thrombin Receptor)是独立家族的G protein-coupled receptor, 研究认为与炎症, 实体Tumour等密切相关。

PAR1蛋白是乳腺癌细胞浸润和迁移的必需因子, 它是作为基质金属蛋白酶1(MMP-1)的受体关键性作用, 这一研究结果为研制新的抗癌药物提供新的靶点。

Picture:



Sample:

K562(Human) Cell Lysate at 30 ug

Primary: Anti-PAR1 (SL0828R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42 kD

Observed band size: 42 kD



Sample:

Brain (Rat) Lysate at 30 ug

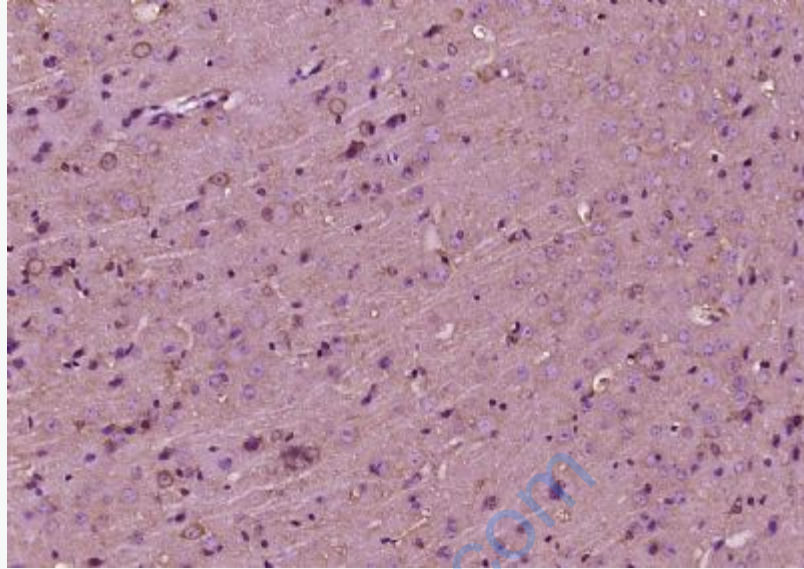
Liver (Mouse) Lysate at 30 ug

Primary: Anti- PAR-1 (SL0828R) at 1/300 dilution

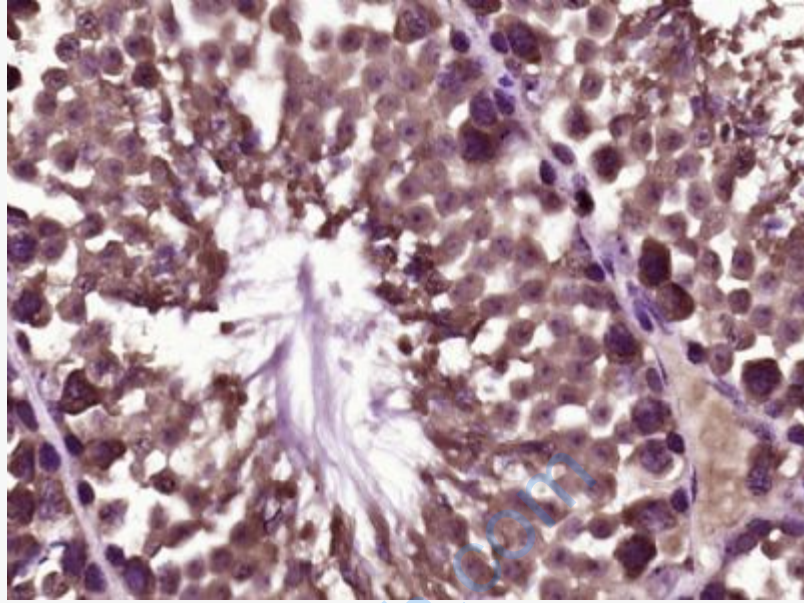
Secondary: HRP conjugated Goat-Anti-Rabbit IgG(SL0828R) at 1: 3000 dilution;

Predicted band size : 42kD

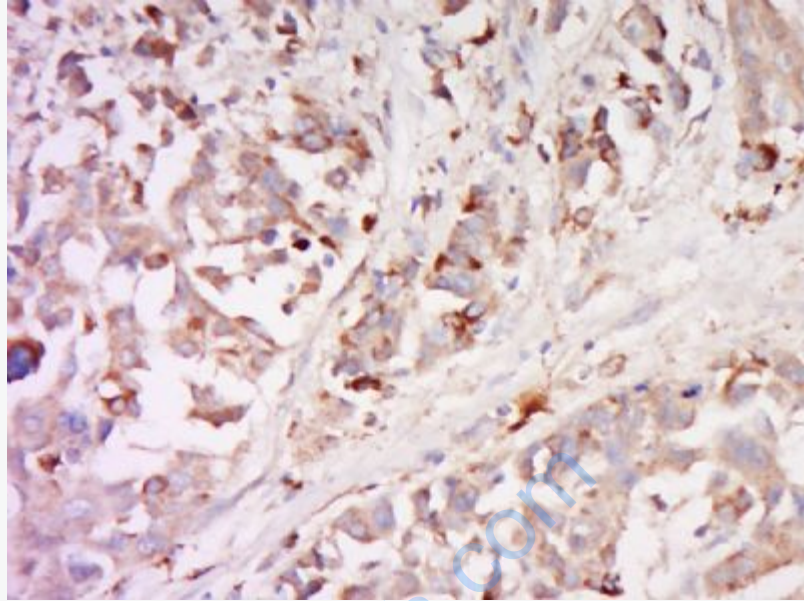
Observed band size : 44kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Thrombin receptor/ PAR1) Polyclonal Antibody, Unconjugated (SL0828R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



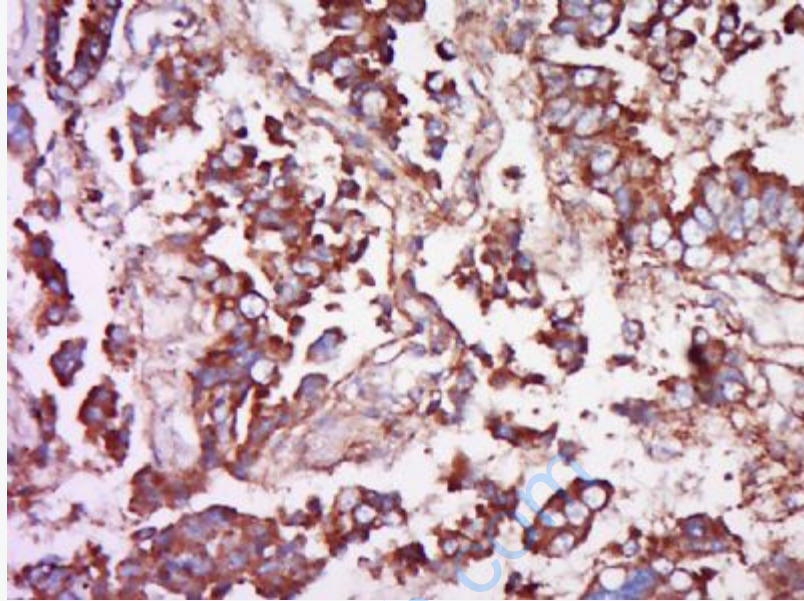
Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Thrombin receptor PAR1) Polyclonal Antibody, Unconjugated (SL0828R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human mammary cancer; 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°C for 20 min;

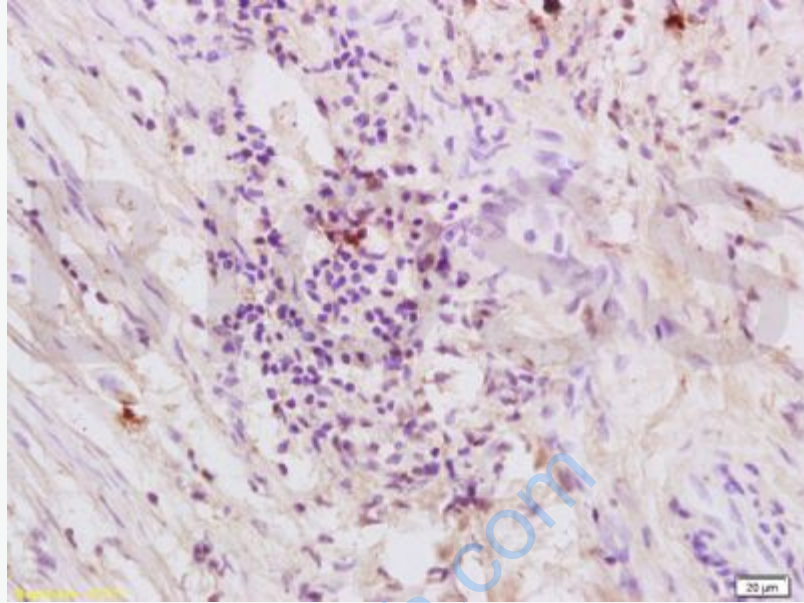
Incubation: Anti-PAR1 Polyclonal Antibody, Unconjugated(SL0828R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung 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°C for 20 min;

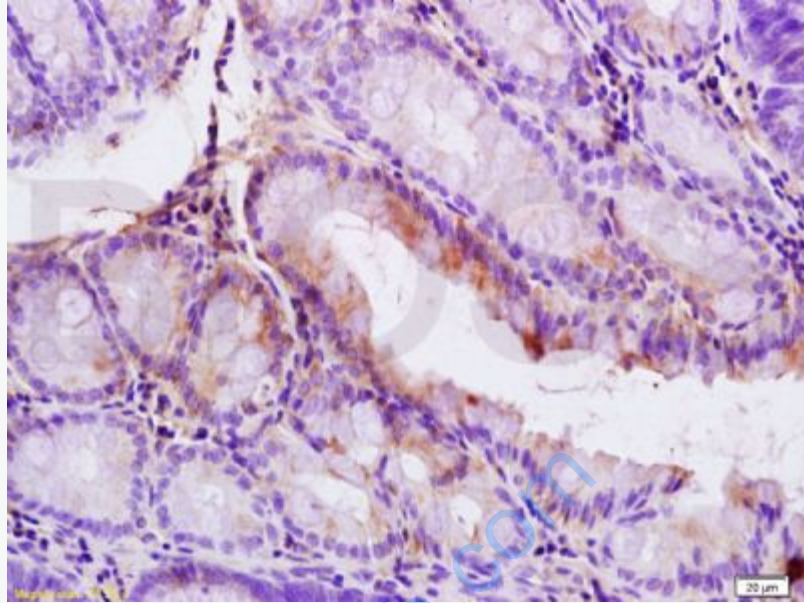
Incubation: Anti-PAR1 Polyclonal Antibody, Unconjugated(SL0828R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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°C for 20 min;

Incubation: Anti-PAR-1 Polyclonal Antibody, Unconjugated(SL0828R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat colitis tissue; 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°C for 20 min;
Incubation: Anti-PAR-1 Polyclonal Antibody, Unconjugated(SL0828R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining