




Rabbit Anti-Tissue factor/CD142 antibody

SL4690R

Product Name:	Tissue factor/CD142
Chinese Name:	组织因子抗体
Alias:	CD 142; CD142; CD142 antigen; Coagulation factor III (thromboplastin tissue factor); Coagulation factor III; F3; TF; TFA; Thromboplastin; Tissue factor; TF_HUMAN.
文献引用 	<p>Specific References(3) SL4690R has been referenced in 3 publications.</p> <p>[IF=7.13]Gleeson, Birgitta M., et al. "Bone marrow-derived mesenchymal stem cells have innate procoagulant activity and cause microvascular obstruction following intracoronary delivery: Amelioration by anti-thrombin therapy." STEM CELLS (2015).Pig. PubMed:25969127</p> <p>[IF=2.98]Milano, M., et al. "Particulate matter phagocytosis induces tissue factor in differentiating macrophages." Journal of Applied Toxicology 36.1 (2016): 151-160WB;Rat. PubMed:25858758</p> <p>[IF=22.39]Fletcher, Russell B., et al. "Deconstructing Olfactory Stem Cell Trajectories at Single-Cell Resolution." Cell Stem Cell (2017).FCM;Mouse. PubMed:28506465</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,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:	29kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Tissue factor:32-100/295<Extracellular>
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>This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]</p> <p>Function: Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.</p> <p>Subunit: Interacts with HSPE; the interaction, inhibited by heparin, promotes the generation of activated factor X and activates coagulation in the presence of activated factor VII.</p> <p>Subcellular Location: Isoform 1: Membrane; Single-pass type I membrane protein. Isoform 2: Secreted.</p> <p>Tissue Specificity: Lung, placenta and pancreas.</p> <p>Similarity: Belongs to the tissue factor family.</p> <p>SWISS:</p>

P13726

Gene ID:
2152

Database links:

[Entrez Gene: 2152](#)Human

[Omin: 134390](#)Human

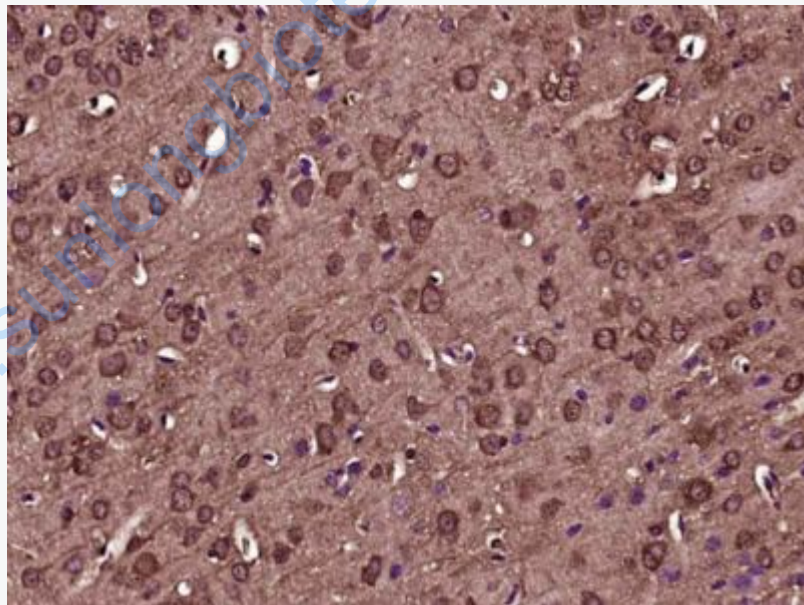
[SwissProt: P13726](#)Human

[Unigene: 62192](#)Human

Important Note:

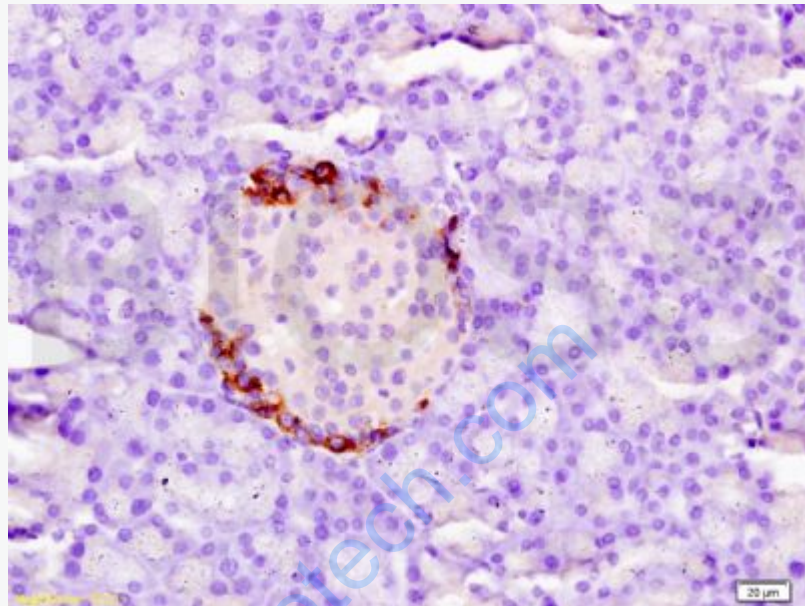
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Picture:



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 (Tissue factor) Polyclonal Antibody, Unconjugated (SL4690R) at 1:400 overnight at 4°C, followed by operating

according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat pancreas 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-Tissue factor/CD142/F3 Polyclonal Antibody,

Unconjugated(SL4690R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining