

产品名称: TF (phospho Ser290) Rabbit Polyclonal Antibody
产品货号: APRab05546



产品概述 (Summary)

产品名称 (Production Name)	TF (phospho Ser290) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	F3
别名 (Alternative Names)	F3; Tissue factor; TF; Coagulation factor III; Thromboplastin; CD antigen CD142
基因 ID (Gene ID)	2152.0
蛋白 ID (SwissProt ID)	P13726.The antiserum was produced against synthesized peptide derived from human Coagulation Factor III around the phosphorylation site of Ser290. AA range:246-295

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	40kDa

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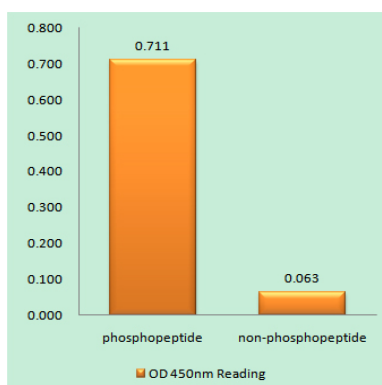
研究背景 (Background)

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],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.,induction:TF expression is highly dependent upon cell type. TF can also be induced by the inflammatory mediators interleukin 1 and TNF, as well as by endotoxin, to appear on monocytes and vascular endothelial cells as a component of cellular immune response.,online information:The Singapore human mutation and polymorphism database,online information:Tissue factor entry,similarity:Belongs to the tissue factor family.,

研究领域 (Research Area)

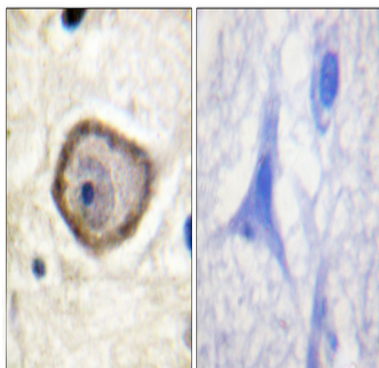
Complement and coagulation cascades;

图片 (Image Data)

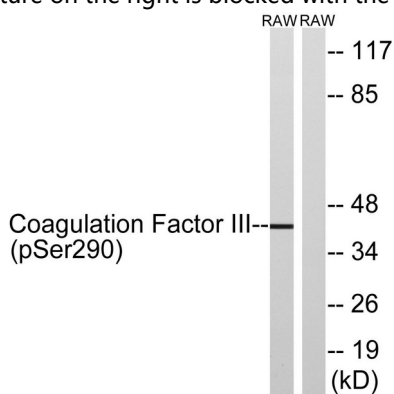


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using Coagulation Factor III (Phospho-Ser290) Antibody

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Immunohistochemistry analysis of paraffin-embedded human brain, using Coagulation Factor III (Phospho-Ser290) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from RAW264.7 cells treated with TNF 20ng/ml 30 ' , using Coagulation Factor III (Phospho-Ser290) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .