

产品名称: Factor XIII B Rabbit Polyclonal Antibody
产品货号: AP Rab10788



产品概述 (Summary)

产品名称 (Production Name)	Factor XIII B 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)	Unmodified
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)	F13B F13B; Coagulation factor XIII B chain; Fibrin-stabilizing factor B subunit;
别名 (Alternative Names)	Protein-glutamine gamma-glutamyltransferase B chain; Transglutaminase B chain
基因 ID (Gene ID)	2165.0
蛋白 ID (SwissProt ID)	P05160.The antiserum was produced against synthesized peptide derived from human F13B. AA range:61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

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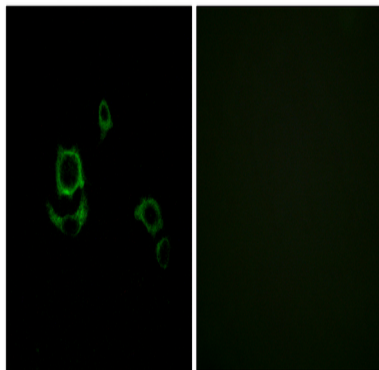
研究背景 (Background)

This gene encodes coagulation factor XIII B subunit. Coagulation factor XIII is the last zymogen to become activated in the blood coagulation cascade. Plasma factor XIII is a heterotetramer composed of 2 A subunits and 2 B subunits. The A subunits have catalytic function, and the B subunits do not have enzymatic activity and may serve as a plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon activation by the cleavage of the activation peptide by thrombin and in the presence of calcium ion, the plasma factor XIII dissociates its B subunits and yields the same active enzyme, factor XIIIa, as platelet factor XIII. This enzyme acts as a transglutaminase to catalyze the formation of gamma-glutamyl-epsilon-lysine crosslinking between fibrin molecules, thus stabilizing the fibrin clot. Factor XIII deficiency is a disease: Defects in F13B can result in a lifelong bleeding tendency, defective wound healing, and habitual abortion. function: The B chain of factor XIII is not catalytically active, but is thought to stabilize the A subunits and regulate the rate of transglutaminase formation by thrombin. online information: Factor XIII entry, online information: The Singapore human mutation and polymorphism database, similarity: Contains 10 Sushi (CCP/SCR) domains. subunit: Tetramer of two A chains and two B chains.

研究领域 (Research Area)

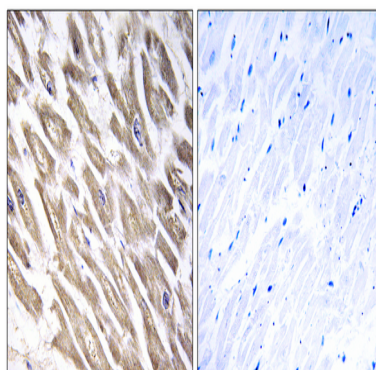
Complement and coagulation cascades;

图片 (Image Data)

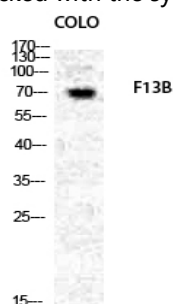


Immunofluorescence analysis of HUVEC cells, using F13B Antibody. The picture on the right is blocked with the synthesized peptide.

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Immunohistochemistry analysis of paraffin-embedded human heart tissue, using F13B Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of COLO cells using Factor XIII B Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .