

产品名称: HC-II Rabbit Polyclonal Antibody
产品货号: APRab11928



产品概述 (Summary)

产品名称 (Production Name)	HC-II 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,Mouse,Rat

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)	SERPIND1
别名 (Alternative Names)	SERPIND1; HCF2; Heparin cofactor 2; Heparin cofactor II; HC-II; Protease inhibitor leuserpin-2; HLS2; Serpin D1
基因 ID (Gene ID)	3053.0
蛋白 ID (SwissProt ID)	P05546.The antiserum was produced against synthesized peptide derived from human Heparin Cofactor II. AA range:41-90

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	60kDa

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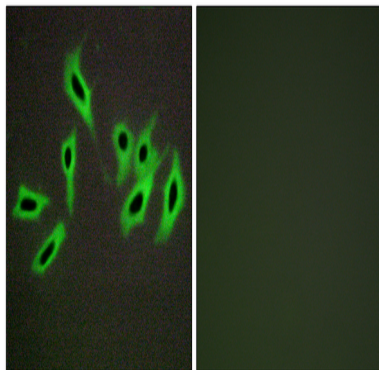
研究背景 (Background)

This gene belongs to the serpin gene superfamily. Serpins play roles in many processes including inflammation, blood clotting, and cancer metastasis. Members of this family have highly conserved secondary structures with a reactive center loop that interacts with the protease active site to inhibit protease activity. This gene encodes a plasma serine protease that functions as a thrombin and chymotrypsin inhibitor. The protein is activated by heparin, dermatan sulfate, and glycosaminoglycans. Allelic variations in this gene are associated with heparin cofactor II deficiency. [provided by RefSeq, Jul 2015], disease: Defects in SERPIND1 are the cause of heparin cofactor 2 deficiency (HCF2D) [MIM:612356]. HCF2D is an important risk factor for hereditary thrombophilia, a hemostatic disorder characterized by a tendency to recurrent thrombosis., domain: The N-terminal acidic repeat region mediates, in part, the glycosaminoglycan-accelerated thrombin inhibition., function: Peptides at the N-terminal of HC-II have chemotactic activity for both monocytes and neutrophils., function: Thrombin inhibitor activated by the glycosaminoglycans, heparin or dermatan sulfate. In the presence of the latter, HC-II becomes the predominant thrombin inhibitor in place of antithrombin III (AT-III). Also inhibits chymotrypsin, but in a glycosaminoglycan-independent manner., similarity: Belongs to the serpin family., tissue specificity: Expressed predominantly in liver.,

研究领域 (Research Area)

Complement and coagulation cascades;

图片 (Image Data)



Immunofluorescence analysis of HepG2 cells, using Heparin Cofactor II Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .