

产品名称: Vitronectin Rabbit Polyclonal Antibody
产品货号: APRab19808



产品概述 (Summary)

产品名称 (Production Name)	Vitronectin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	VTN
别名 (Alternative Names)	VTN; Vitronectin; VN; S-protein; Serum-spreading factor; V75
基因 ID (Gene ID)	7448.0
蛋白 ID (SwissProt ID)	P04004.The antiserum was produced against synthesized peptide derived from human Vitronectin. AA range:209-258

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	55kDa

研究背景 (Background)

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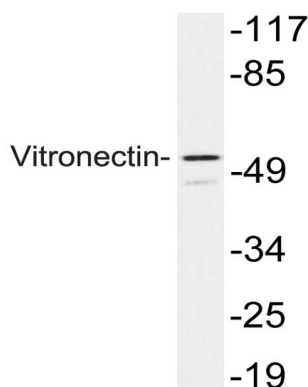


The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. [provided by RefSeq, Jul 2008], domain: The SMB domain mediates interaction with SERPINE1/PAI1. The heparin-binding domain mediates interaction with insulin., function: Somatomedin-B is a growth hormone-dependent serum factor with protease-inhibiting activity., function: Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway., PTM: It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both., PTM: N- and O-glycosylated., PTM: Phosphorylation on Thr-69 and Thr-76 favors cell adhesion and spreading., PTM: Sulfated on 2 tyrosine residues., similarity: Contains 1 SMB (somatomedin-B) domain., similarity: Contains 4 hemopexin-like domains., subunit: Exists in two forms: a single chain 75 kDa form (V75) and a clipped form composed of two chains (65 kDa and 10 kDa) (V65+V10) which are held together by a disulfide bond. Interacts with SERPINE1/PAI1 and insulin., tissue specificity: Plasma.,

研究领域 (Research Area)

Focal adhesion; ECM-receptor interaction;

图片 (Image Data)



Western blot analysis of lysate from 293 cells, using Vitronectin antibody.

注意事项 (Note)

For research use only .