

**产品名称: Vitronectin Rabbit Polyclonal Antibody**  
**产品货号: APRab19809**



## 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,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)        | 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 the Internal region of human VTN. AA range:50-100 |

## 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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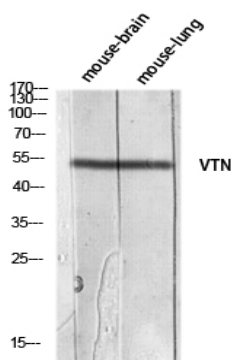


The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein 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 mouse-brain mouse-lung lysis using VTN antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

## 注意事项 (Note)

For research use only .