

产品名称: Liprin  $\beta$ 1 Rabbit Polyclonal Antibody  
产品货号: AP Rab13329



## 产品概述 (Summary)

|                        |                                             |
|------------------------|---------------------------------------------|
| 产品名称 (Production Name) | Liprin $\beta$ 1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                  |
| 宿主 (Host)              | Rabbit                                      |
| 应用 (Application)       | WB,IHC                                      |
| 种属反应性 (Reactivity)     | Human,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)        | PPFIBP1<br>PPFIBP1; KIAA1230; Liprin-beta-1; Protein tyrosine phosphatase receptor type                  |
| 别名 (Alternative Names) | f polypeptide-interacting protein-binding protein 1; PTPRF-interacting protein-binding protein 1; hSGT2  |
| 基因 ID (Gene ID)        | 8496.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | Q86W92.The antiserum was produced against synthesized peptide derived from human LIPB1. AA range:300-349 |

## 产品应用 (Application)

|                          |                                |
|--------------------------|--------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:50-1:300 |
| 蛋白分子量 (Molecular Weight) | 115kDa                         |

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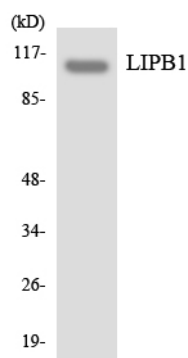


## 研究背景 (Background)

The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. It has been proposed that liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LAR family of tyrosine phosphatases. This protein was found to interact with S100A4, a calcium-binding protein related to tumor invasiveness and metastasis. In vitro experiment demonstrated that the interaction inhibited the phosphorylation of this protein by protein kinase C and protein kinase CK2. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],domain:The N-terminal coiled coil regions mediate homodimerization preferentially and heterodimerization type beta/beta. The C-terminal, non-coiled coil regions mediate heterodimerization type beta/alpha and interaction with S100A4.,function:May regulate the disassembly of focal adhesions. Did not bind receptor-like tyrosine phosphatases type 2A.,similarity:Belongs to the liprin family. Liprin-beta subfamily.,similarity:Contains 3 SAM (sterile alpha motif) domains.,subunit:Forms homodimers and heterodimers. Interacts with S100A4 in a calcium-dependent mode.,tissue specificity:Widely expressed. Absent in liver.,

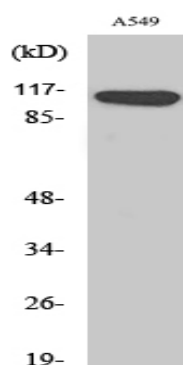
## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of the lysates from COLO205 cells using LIPB1 antibody.

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Western Blot analysis of various cells using Liprin  $\beta$ 1 Polyclonal Antibody diluted at 1: 2000

#### 注意事项 (Note)

For research use only .