

产品名称: CIP4 Rabbit Monoclonal Antibody  
产品货号: AMRe85435



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | CIP4 Rabbit Monoclonal Antibody        |
| 描述 (Description)       | Recombinant rabbit monoclonal 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)      | Monoclonal                                                                                 |
| 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)       | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| 纯化方式 (Purification) | Affinity Purification                                                                      |

## 免疫原信息 (Immunogen)

|                        |                                          |
|------------------------|------------------------------------------|
| 基因名 (Gene Name)        | CIP4                                     |
| 别名 (Alternative Names) | STP; CIP4; HSTP; STOT; TRIP-10           |
| 基因 ID (Gene ID)        | 9322.0                                   |
| 蛋白 ID (SwissProt ID)   | Q15642.A synthetic peptide of human Cip4 |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100             |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 68 kDa; Observed MW: 80 kDa |

## 研究背景 (Background)

Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling . Required to coordinate

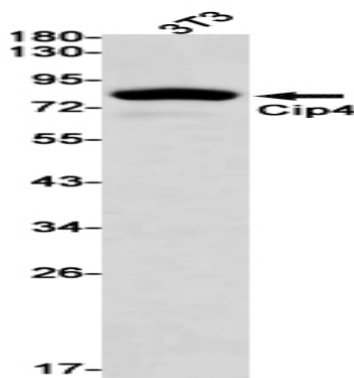
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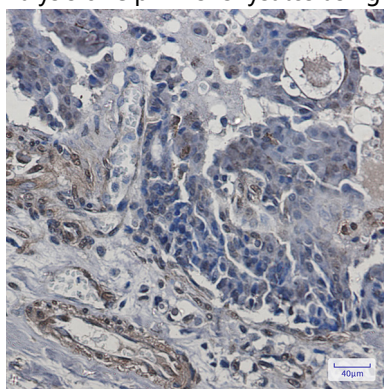
membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL.

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of Cip4 in 3T3 lysates using CIP4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cip4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## 注意事项 (Note)

For research use only .