

**产品名称: Rab 6A Rabbit Polyclonal Antibody**  
**产品货号: AP Rab16761**



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | Rab 6A 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)        | RAB6A                                                                                                    |
| 别名 (Alternative Names) | RAB6A; RAB6; Ras-related protein Rab-6A; Rab-6                                                           |
| 基因 ID (Gene ID)        | 5870.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P20340.The antiserum was produced against synthesized peptide derived from human RAB6A. AA range:113-162 |

## 产品应用 (Application)

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 24kDa                                                                   |

## 研究背景 (Background)

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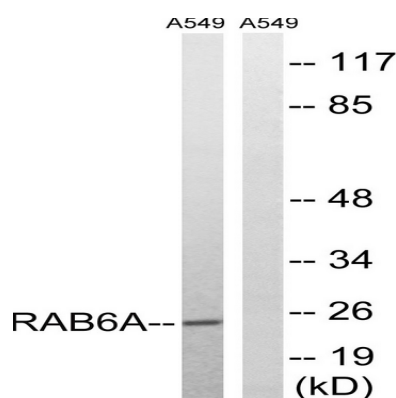


This gene encodes a member of the RAB family, which belongs to the small GTPase superfamily. GTPases of the RAB family bind to various effectors to regulate the targeting and fusion of transport carriers to acceptor compartments. This protein is located at the Golgi apparatus, which regulates trafficking in both a retrograde (from early endosomes and Golgi to the endoplasmic reticulum) and an anterograde (from the Golgi to the plasma membrane) directions. Myosin II is an effector of this protein in these processes. This protein is also involved in assembly of human cytomegalovirus (HCMV) by interacting with the cellular protein Bicaudal D1, which interacts with the HCMV virion tegument protein, pp150. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011],function:Protein transport. Regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER). Has a low GTPase activity.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the small GTPase superfamily. Rab family.,subunit:Interacts with SCYL1BP1. Interacts with VSP52 and RABGAP1. Isoform 1 interacts with RAB6KIFL but not isoform 2. Isoforms 1 and 2 interact with BICD1 and BICD2. Interacts with TMF1.,tissue specificity:Ubiquitous.,

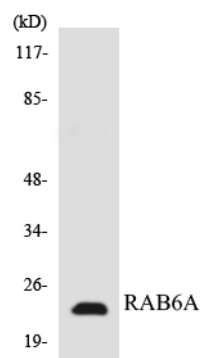
## 研究领域 (Research Area)

Neuroscience; Processes

## 图片 (Image Data)



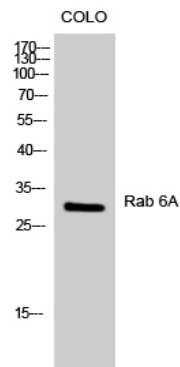
Western blot analysis of lysates from A549 cells, using RAB6A Antibody. The lane on the right is blocked with the synthesized peptide.



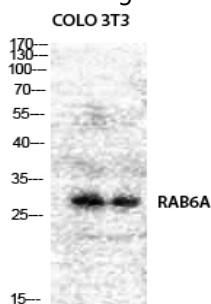
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Western blot analysis of the lysates from HT-29 cells using RAB6A antibody.



Western Blot analysis of COLO cells using Rab 6A Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of COLO NIH-3T3 cells using Rab 6A Polyclonal Antibody diluted at 1: 1000

### 注意事项 (Note)

For research use only .