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# RASGRF1 Rabbit pAb

货号: **AYP16534**

## 产品信息

|       |  |
|-------|--|
| 反应    | Mouse  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000  |
| 理论分子量 | 55kDa/143kDa/145kDa  |
| 实测分子量 | 145kDa   |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | Mouse brain  |
| 细胞定位  | cytosol,growth cone,neuron projection,plasma membrane  |
| 纯化    | Affinity purification  |

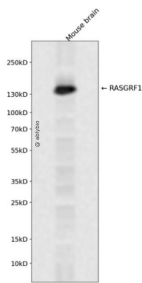
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human RASGRF1 (NP_001139120.1). |
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## 靶点信息

|       |   |
|-------|---|
| 研究背景  | The protein encoded by this gene is a guanine nucleotide exchange factor (GEF) similar to the <i>Saccharomyces cerevisiae</i> CDC25 gene product. Functional analysis has demonstrated that this protein stimulates the dissociation of GDP from RAS protein. The studies of the similar gene in mouse suggested that the Ras-GEF activity of this protein in brain can be activated by Ca <sup>2+</sup> influx, muscarinic receptors, and G protein beta-gamma subunit. Mouse studies also indicated that the Ras-GEF signaling pathway mediated by this protein may be important for long-term memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported. |
| 基因ID  | 5923  |
| 基因名   | RASGRF1   |
| Swiss | Q13972 ( <a href="https://www.uniprot.org/uniprotkb/Q13972/entry">https://www.uniprot.org/uniprotkb/Q13972/entry</a> )  |
| 别名    | RASGRF1,CDC25,CDC25L,GNRP,GRF1,GRF55,H-GRF55,PP13187,ras-GRF1,RASGRF1 Rabbit pAb,Guanine nucleotide-releasing protein,Ras-specific nucleotide exchange factor CDC25   |

## 产品验证



Western blot analysis of RASGRF1 expressed in Mouse brain using RASGRF1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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