

# RASGRF1 Rabbit pAb

货号: B16534

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                                                                                  |

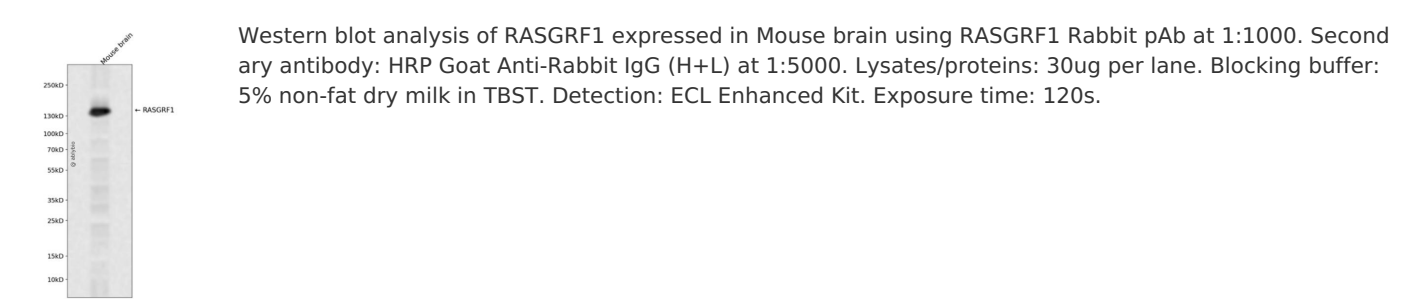
抗原信息

|      |                                                                                                                                                                                                      |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human RASGR F1 (NP_001139120.1).                                                                              |
| 序列   | MQKGIRLNDGHVASLGLLARKDGTKGYLSKRSSDNTKWQTKWFALLQNLLFYFESDSSSRPSGLYLLEGVCVCDRAPSP<br>KPALSAKEPLEKQHYFTVNFShENQKALELRTEDAKDCDEWVAIAHASYRTLATEHEALMQKYLHLLQIVETKTVAKQLR<br>QQIEDGEIEIERLKAEITSLLKDNERIQS |

靶点信息

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| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 别名    | RASGRF1;CDC25;CDC25L;GNRP;GRF1;GRF55;H-GRF55;PP13187;ras-GRF1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

产品验证



实验步骤

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