

RAS 蛋白样激活剂 1 抗体

产品货号： mlR6088

英文名称： RASAL1

中文名称： RAS 蛋白样激活剂 1 抗体

别名： GAP1 like protein; MRASAL; RAS GTPase activating protein like; RAS protein activator like 1 (GAP1 like); RAS protein activator like 1; RASAL; Rasal1; rasGAP activating like protein 1; RasGAP-activating-like protein 1; RASGAP1 LIKE; RASL1_HUMAN.

研究领域： 肿瘤 免疫学 信号转导 G 蛋白偶联受体 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 90kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human RASAL1:451-550/805

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 **background:**

Ras GTPase activating-like protein (RASAL) or RASAL1 is a member of the GAP1 family, and a Ca^{2+} sensor responding in-phase to repetitive Ca^{2+} signals by associating with the plasma membrane and deactivating Ras. It contains a conserved domain structure comprising N-terminal tandem C2 domains, a highly conserved central RasGAP domain, and a C-terminal pleckstrin-homology domain that is associated with a Bruton's tyrosine kinase motif. RASAL, like Ca^{2+} -promoted Ras inactivator (CAPRI, or RASAL4), is a cytosolic protein that undergoes a rapid translocation to the plasma membrane in response to receptor-mediated elevation in the concentration of intracellular free Ca^{2+} , a translocation that activates its ability to function as a RasGAP. However, unlike RASAL4, RASAL undergoes an oscillatory translocation to the plasma membrane that occurs in synchrony with repetitive Ca^{2+} spikes.

Function:

Probable inhibitory regulator of the Ras-cyclic AMP pathway.

Tissue Specificity:

Highly expressed in thyroid and adrenal medulla, lower expression in brain, spinal cord and trachea.

Similarity:

Contains 1 Btk-type zinc finger.

Contains 2 C2 domains.

Contains 1 PH domain.

Contains 1 Ras-GAP domain.

SWISS:

O95294

Gene ID:

8437

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片：

