

## MRGPRX4 蛋白抗体

产品货号： mIR17761

英文名称： MRGPRX4

中文名称： MRGPRX4 蛋白抗体

别名： G protein coupled receptor MRGX4; G protein coupled receptor SNSR5; G protein coupled receptor SNSR6; GPCR; Mas related G protein coupled receptor member X4; Mas related G protein coupled-receptor family, member X4; MAS related GPR, member X4; Mas-related G-protein coupled receptor member X4; MGC129753; MGC129754; MRGPRX4; MRGX4; MRGX4\_HUMAN; Sensory neuron specific G protein coupled receptor 5/6; Sensory neuron-specific G-protein coupled receptor 5/6; SNSR5; SNSR6.

研究领域： 细胞生物 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,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 36kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human MRGPRX4:251-322/322 <Cytoplasmic>

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 癆 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 癆. 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 癆.

**PubMed :** PubMed

**产品介绍 :** Mas-related G protein-coupled receptor member X1 (MRGX) is a sensory neuron-specific G protein-coupled receptor that is involved in the function of nociceptive neurons. This integral membrane protein may also regulate nociceptor development and/or the sensation or modulation of pain. There are four members (MRGX1-4) in the human MRGX family. MRGX1 and MRGX2 receptors stimulate both G $\alpha$ q- and G $\alpha$ i -regulated pathways, while MRGX3 and MRGX4 receptors mainly activate G $\alpha$ q-regulated pathways. G $\alpha$ q proteins are involved in the calcium-signaling pathway downstream of the MRGX receptors. MRGX receptors are unique in that they are expressed in a subset of small dorsal root and trigeminal sensory neurons.

**Function:**

Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Potently activated by enkephalins.

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family. Mas subfamily.

**SWISS:**

Q96LA9



**Gene ID:**

117196

**Important Note:**

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