

## 5-羟色胺受体 4 抗体

产品货号： mlR2127

英文名称： 5HT4 Receptor

中文名称： 5-羟色胺受体 4 抗体

别名： 5-HTR4 (5-hydroxytryptamine (serotonin) receptor 4a); Htr4a; 5-HT4; 5-HT4A; 5HT4; Htr45 HT 4; 5 HT4; 5 HT4R; 5 hydroxytryptamine 4 receptor; 5 hydroxytryptamine receptor 4; 5 hydroxytryptamine serotonin receptor 4; 5 hydroxytryptamine4 receptor; 5HT4; 5HT4R; Cardiac 5 HT4 receptor; HTR 4; HTR4; Serotonin 5 HT4 receptor; Serotonin receptor 4; 5HT4R\_HUMAN.

研究领域： 神经生物学 信号转导 通道蛋白 细胞膜受体 转运蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:200-800 （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： 43kDa

细胞定位： 细胞浆 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human 5-HTR4:21-120/388

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 :** This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described. [provided by RefSeq, May 2010]

**Function:**

This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.

**Subunit:**

Isoform 5-HT4(A) interacts with MAGI2, MPP3, SLC9A3R1 and SNX27 isoforms 1 and 2. Isoform 5-HT4(E) interacts with INADL, NOS1 and SEC23A. Isoform 5-HT4(A) forms a complex including SLC9A3R1 and EZR.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein. Endosome. Note=Interaction with SNX27 mediates recruitment to early endosomes, while interaction with SLC9A3R1 and EZR might target the protein to specialized subcellular regions, such as microvilli.

**Tissue Specificity:**

soform 5-HT4(A) is expressed in ileum, brain, and atrium, but not in the ventricle.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q13639

**Gene ID:**

3360

**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：

