

## 5-羟色胺受体 2C 抗体

产品货号： mlR2959

英文名称： 5HT2C Receptor

中文名称： 5-羟色胺受体 2C 抗体

别名： 5 Hydroxytryptamine 2C receptor; 5-HT-1C; 5-ht-1c receptor; 5-HT-2C; 5-HT1C; 5-HT2C; 5-HTR2C; 5-hydroxytryptamine (serotonin) receptor 2C, G protein-coupled; 5-hydroxytryptamine receptor 1C; 5-hydroxytryptamine receptor 2C; 5HT1C; 5HT2C; 5HT2C\_HUMAN; 5HTR2C; 5Hydroxytryptamine 2C receptor; Htr1c; HTR2C; serotonin 1c receptor; serotonin 2c receptor; Serotonin 5-HT-2C receptor; Serotonin receptor 2C.

研究领域： 细胞生物 神经生物学 信号转导 通道蛋白 细胞膜受体 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, Pig, Cow, Horse,

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 : 52kDa**

**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 5HTR2C:311-410/458 <Extracellular>

**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：** Serotonin (5-hydroxytryptamine, 5-HT), a neurotransmitter, elicits a wide array of physiological effects by binding to several receptor subtypes, including the 5-HT<sub>2</sub> family of seven-transmembrane-spanning, G-protein-coupled receptors, which activate phospholipase C and D signaling pathways. This gene encodes the 2C subtype of serotonin receptor and its mRNA is subject to multiple RNA editing events, where genomically encoded adenosine residues are converted to inosines. RNA editing is predicted to alter amino acids within the second intracellular loop of the 5-HT<sub>2C</sub> receptor and generate receptor isoforms that differ in their ability to interact with G proteins and the activation of phospholipase C and D signaling cascades, thus modulating serotonergic neurotransmission in the central nervous system. Studies in humans have reported abnormalities in patterns of 5-HT<sub>2C</sub> editing in depressed suicide victims. [provided by RefSeq, Jul 2008].

**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. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

**Subunit:**

Interacts with MPDZ. Interacts with ARRB2.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Post-translational modifications:**

N-glycosylated.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

P28335

**Gene ID:**

3358

**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

