

5-羟色胺受体 7 抗体

产品货号： mIR12056

英文名称： 5HT7 Receptor

中文名称： 5-羟色胺受体 7 抗体

别 名： SR-7; HT 7; 5 HT X; 5 hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase coupled); 5 hydroxytryptamine (serotonin) receptor 7; 5 hydroxytryptamine receptor 7; 5-HT-7; 5-HT-X; 5-HT7; 5-hydroxytryptamine receptor 7; 5HT7; 5HT7R_HUMAN; HTR7; Serotonin 5 HT 7 receptor; Serotonin receptor 7.

研究领域： 神经生物学 细胞膜受体 G 蛋白偶联受体 新陈代谢 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 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： 54kDa

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 5HT7 Receptor/SR-7:51-150/479
<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 : The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [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. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Isoform A is the predominant isoform in spleen, caudate and hippocampus.

Isoform B is expressed at lower levels. Isoform D is a minor isoform in term of expression.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P34969

Gene ID:

3363

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

