

毒蕈碱型乙酰胆碱受体 M1 抗体

产品货号： mlR21484

英文名称： CHR1/M-AChR M1

中文名称： 毒蕈碱型乙酰胆碱受体 M1 抗体

别名： muscarinic acetylcholine receptor; M-AChR M1; Muscarinic Acetylcholine Receptor 1; cholinergic receptor, muscarinic 1; Chrm1; Chrm-1; M1; M1R; Muscarinic Acetylcholine receptor M1; Cholinergic receptor muscarinic 1; CHR1; CHR1; HM 1; HM1; M1; M1 muscarinic cholinergic receptor; MGC30125; Muscarinic acetylcholine receptor M1; Acetylcholine receptor(M1).

研究领域： 细胞生物 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,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

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

分 子 量 : 51kDa

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 CHRM1/M-AChR M1:281-380/460
<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 ° 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 muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13. [provided by RefSeq, Jul 2008].

Function:

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.

Subunit:

Interacts with GPRASP2.

Subcellular Location:

Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 1 family. Muscarinic acetylcholine receptor subfamily. CHRM1 sub-subfamily.

SWISS:

P11229

Gene ID:

1128

Important Note:

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

AChR M1 毒蕈碱型乙酰胆碱受体 M1,属于 G 蛋白偶联受体家族成员, 主要分布于中枢神经系统和周围神经系统, 乙酰胆碱与受体结合后诱导其功能: 抑制酰苷酸环化酶、降解磷酸肌醇、膜钾离子通道开放.