

半胱氨酰白三烯受体 2 型抗体

产品货号： mlR20055

英文名称： CysLT2

中文名称： 半胱氨酰白三烯受体 2 型抗体

别名： CLTR2_HUMAN; CYSLT2; CYSLT2R; CYSLTR 2; CysLTR2; Cysteinyl leukotriene CysLT2 receptor; Cysteinyl leukotriene receptor 2; G protein coupled receptor; G protein coupled receptor GPCR21; G protein coupled receptor HG57; G-protein coupled receptor GPCR21; G-protein coupled receptor HG57; GPCR; HG57; hGPCR21; HPN321; PSEC0146.

研究领域： 细胞生物 神经生物学 信号转导 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： 40kDa

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 CysLT2:2-100/346

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 cysteinyl leukotrienes LTC₄, LTD₄, and LTE₄ are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems. [provided by RefSeq, Jul 2008]

Function:

Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Stimulation by BAY u9773, a partial agonist, induces specific contractions of pulmonary veins and might also have an indirect role in the relaxation of the pulmonary vascular endothelium. The rank order of affinities for the leukotrienes is LTC₄ = LTD₄ >> LTE₄.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Widely expressed, with **highest** levels in the heart, placenta, spleen, peripheral blood leukocytes and adrenal gland. In lung, expressed in the interstitial macrophages, and slightly in smooth muscle cells.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

Q9NS75

Gene ID:

57105

Important Note:

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