

白三烯 B4 受体 1 抗体

产品货号： mlR21691

英文名称： LTB4-R1/LTB4R

中文名称： 白三烯 B4 受体 1 抗体

别名： Leukotriene B4 receptor 1; Leukotriene B4 receptor; BLT; BLT1; BLTR; Chemokine receptor like 1; CMKRL1; G protein coupled receptor 16; GPR16; Leukotriene B4 G Protein coupled receptor; LTB4 R 1; LTB4R 1; LTB4R; LTBR1; P2RY7; P2Y purinoceptor 7; P2Y7; Purinergic receptor P2Y G protein coupled 7; LT4R1_HUMAN;LT4R1_MOUSE; LTB4-R 1; LTB4-R1; Chemoattractant receptor-like 1; G-protein coupled receptor 16; P2Y purinoceptor 7; P2Y7.

研究领域： 肿瘤 细胞生物 免疫学 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： Mouse, Rat, Horse,

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 : 39kDa

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 mouse LTB4-R1/LTB4R:201-300/351 <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 : Leukotriene B4 Receptor is a member of the GPCR family (subfamily:chemoattractant). It is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response. It has been reported in blood, bone marrow, brain, heart, liver, and skeletal muscle. In addition, it has been shown to be highly expressed in leukocytes and lymphoid tissues such as spleen, thymus, and lymph node. ESTs have been isolated from B cell/lung/testis, breast, colon, eye, kidney, skin, spleen, testis, and tonsil libraries.

Function:

Receptor for extracellular ATP, UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.

Post-translational modifications:

Phosphorylated by GRK6 upon leukotriene B4 binding; which promotes desensitization.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

O88855

Gene ID:

16995

Important Note:

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