

脂氧素受体 1 抗体

产品货号： mIR23765

英文名称： FPRL1

中文名称： 脂氧素受体 1 抗体

别名： ALXR; FMLP R I; FMLP R II; FMLP related receptor I; FMLP-R-I; FMLP-R-II; FMLP-related receptor I; FMLPX; Formyl peptide receptor 2; Formyl peptide receptor like 1; Formyl peptide receptor related; Formyl peptide receptor-like 1; FPR 2; FPR2; FPR2_HUMAN; FPR2A; FPRH 1; FPRH 2; FPRH1; FPRH2; FPRL 1; FPRL1; HM63; Lipoxin A4 receptor; LXA4 receptor; LXA4R; N-formyl peptide receptor 2; RFP.

研究领域： 心血管 细胞生物 免疫学 信号转导 细胞粘附分子 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： WB=1:500-2000 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 : 39kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/1ml

免 疫 原 : KLH conjugated synthetic peptide derived from human FPRL1:1-100/350 <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 : FPRL1 is a low affinity receptor to N-formyl-methionyl peptides, which are powerful neutrophils chemotactic factors. Binding of FMLP to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4 (leukotriene B4). FPRL1 has been reported in phagocytes, monocytes, neutrophils, differentiated myeloid cells from bone marrow, granulocyte HL-60 cells, and synovial fibroblasts. ESTs have been isolated from blood, leukocyte, lung, and placenta libraries.

Function:

Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophils chemotactic factors. Binding of FMLP to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4 (leukotriene B4).

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Expressed abundantly in the lung and neutrophils. Also found in the spleen and testis.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P25090

Gene ID:

2358

Important Note:

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

脂氧素受体广泛表达于各类炎症相关细胞并受多种炎症刺激的调节,通过 PKA、PKC、MAPK 等一系列信号途径参与控制炎症的发生发展。

产品图片

