

前列腺素 F2a 受体抗体 PGF2 α R

产品货号 : mIR11411

英文名称 : PTGFR

中文名称 : 前列腺素 F2a 受体抗体 PGF2 α R

别名 : Prostaglandin F2 alpha Receptor PF2R_HUMAN; PGF receptor; PGF2 alpha receptor; PGF2-alpha receptor; Prostaglandin F receptor; Prostaglandin F2-alpha receptor; Prostaglandin receptor 2 alpha; Prostanoid FP receptor; PTGFR; FP; MGC120498; MGC46203.

研究领域 : 细胞生物 神经生物学 信号转导 细胞膜受体 G 蛋白偶联受体 G 蛋白信号 细胞膜蛋白

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Horse, Rabbit,

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 : 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 PTGFR:1-50/359 <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 protein encoded by this gene is member of the G-protein coupled receptor family. This protein is a receptor for prostaglandin F2-alpha (PGF2-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in uterus. Knockout studies in mice suggest that the interaction of PGF2-alpha with this receptor may initiate parturition in ovarian luteal cells and thus induce luteolysis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P43088

Gene ID:

5737

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

