G 蛋白偶联受体 116 抗体

产品货号： mlR12025

英文名称： GPR116

中文名称： G 蛋白偶联受体 116 抗体

别　名： DKFZp564O1923; FLJ90640; G protein coupled receptor 116; G protein coupled receptor 116; GP116_HUMAN; GPR116; Ig Hepta homolog; KIAA0758; KIAA0758; KPG_001; OTTHUMP00000016557; Probable G protein coupled receptor 116; Probable G-protein coupled receptor 116； GPCR GPR116.

研究领域： 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

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Rabbit,

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： 147kDa

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 G protein coupled receptor 116:501-600/1346 <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： G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR116 (G protein-coupled receptor 116) is a 1,346 amino acid multi-pass membrane protein that contains one SEA domain, one GPS domain and three Ig-like domains and belongs to the GPR family. Existing as a dilsulfide-liked homodimer at the cell surface, GPR116 exists as multiple alternatively spliced isoforms and is thought to play a role in regulating and maintaining proper acid-base balance throughout the cell.

Function:

May have a role in the regulation of acid-base balance.

Subunit:

Exists as disulfide-linked dimers at the cell surface

Subcellular Location:

Cell membrane; Multi-pass membrane protein

Post-translational modifications:

Proteolytically cleaved into 2 highly conserved sites: one in the SEA domain and the other in the stalk domain region preceding the first transmembrane. The later 2 subunits, the extracellular subunit and the seven-transmembrane subunit, remain tightly associated and non-covalently linked.

Similarity:

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.

Contains 1 GPS domain.

Contains 3 Ig-like (immunoglobulin-like) domains.

Contains 1 SEA domain.

SWISS:

Q8IZF2

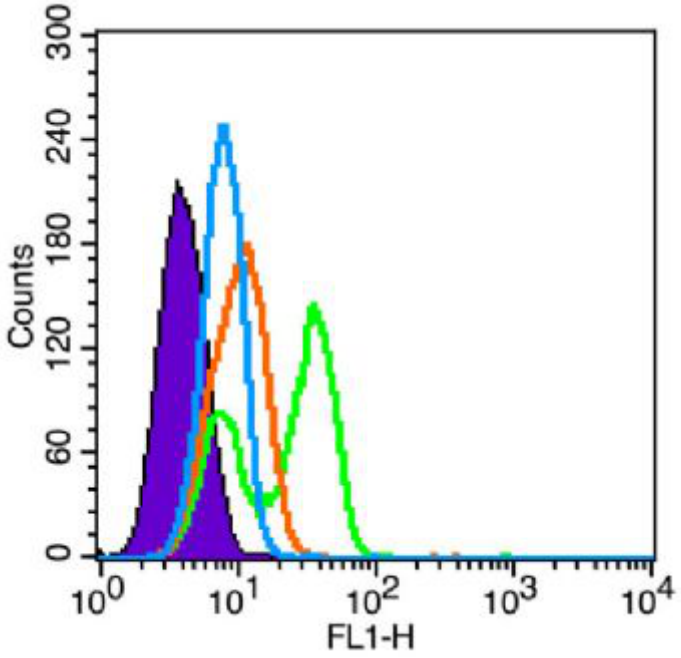
Gene ID:

221395

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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FL1-H