

**产品名称: GPR43 Rabbit Polyclonal Antibody**  
**产品货号: APRab11686**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | GPR43 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | ICC/IF,ELISA                     |
| 种属反应性 (Reactivity)     | Human,Rat,Mouse                  |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | FFAR2                                                                                                    |
| 别名 (Alternative Names) | FFAR2; GPR43; Free fatty acid receptor 2; G-protein coupled receptor 43                                  |
| 基因 ID (Gene ID)        | 2867.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | O15552.The antiserum was produced against synthesized peptide derived from human FFAR2. AA range:271-320 |

## 产品应用 (Application)

|                          |                                          |
|--------------------------|------------------------------------------|
| 稀释比 (Dilution Ratio)     | ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) |                                          |

## 研究背景 (Background)

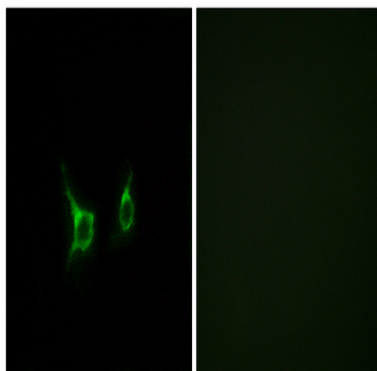
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This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on chromosome 19. The encoded protein is a receptor for short chain free fatty acids and may be involved in the inflammatory response and in regulating lipid plasma levels. [provided by RefSeq, Apr 2009],function:Receptor for short chain fatty acids through a G(i)-protein-mediated inhibition of adenylyl cyclase and elevation of intracellular calcium. The rank order of potency for agonists of this receptor is acetate= propionate = butyrate > pentanoate = formate.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed at relatively high levels in peripheral blood leukocytes and, to lesser, extent, in spleen.,

## 研究领域 (Research Area)

## 图片 (Image Data)



Immunofluorescence analysis of COS7 cells, using FFAR2 Antibody. The picture on the right is blocked with the synthesized peptide.

## 注意事项 (Note)

For research use only .