

Product Name: GPR43 Rabbit Polyclonal Antibody
Catalog #: APRab11686



Summary

Production Name	GPR43 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:5000.
Molecular Weight	

Background

This gene encodes a member of the GP40 family of G protein-coupled receptors that are clustered together on

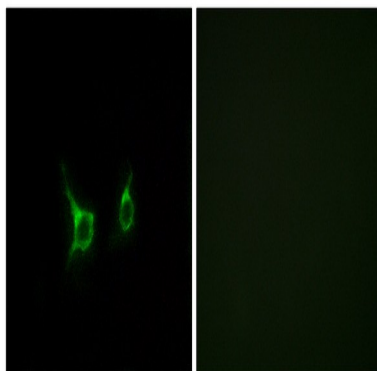
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chromosome 19. The encoded protein is a receptor for short chain free fatty acids and may be involved in the inflammatory response and in regulating lipid plasma levels. [provided by RefSeq, Apr 2009],function:Receptor for short chain fatty acids through 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.,

Research Area

Image Data



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

Note

For research use only.