Summary

Production Name	GPR41 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,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	FFAR3
Alternative Names	FFAR3; GPR41; Free fatty acid receptor 3; G-protein coupled receptor 41
Gene ID	2865.0
SwissProt ID	O14843.The antiserum was produced against synthesized peptide derived from human FFAR3. AA range:11-60

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:5000.
Molecular Weight	38kD

Background

function:Receptor for short chain fatty acids through a G(i)-protein-mediated inhibition of adenylyl cyclase and elevation of
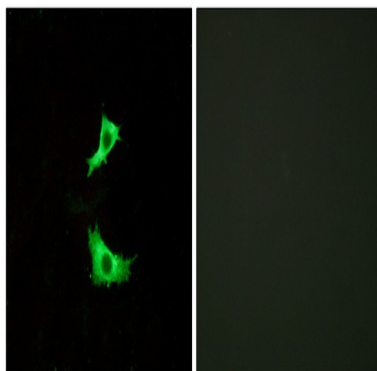
intracellular calcium. The rank order of potency for agonists of this receptor is propionate = pentanoate = butyrate > acetate > formate.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Highest level in adipose tissue, and lower expression across all tissues tested.,function:Receptor 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 propionate = pentanoate = butyrate > acetate > formate.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Highest level in adipose tissue, and lower expression across all tissues tested.,

Research Area

Image Data

Immunofluorescence analysis of LOVO cells, using FFAR3 Antibody. The picture on the right is blocked with the synthesized peptide.

Note
For research use only.