



GPR41 rabbit pAb

Cat No.:ES5618

For research use only

Overview

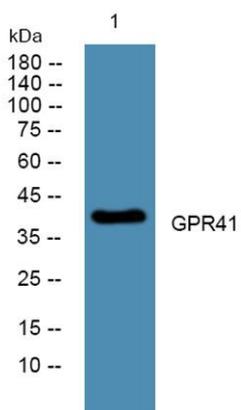
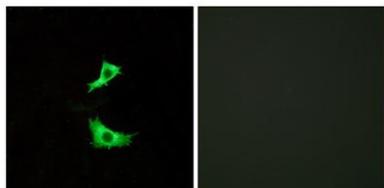
Product Name	GPR41 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FFAR3. AA range:11-60
Specificity	GPR41 Polyclonal Antibody detects endogenous levels of GPR41 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Free fatty acid receptor 3
Gene Name	FFAR3
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	2865
Human Swiss-Prot Number	O14843
Alternative Names	FFAR3; GPR41; Free fatty acid receptor 3; G-protein coupled receptor 41
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.,

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



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night

