



Rabbit anti-Human GPCR GPR43 polyclonal antibody (DPABH-21933)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to the C terminal region of Human GPCR GPR43.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ELISA, IHC-P, ICC/IF
Format	Liquid
Size	50 µl
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS is without Mg2+ and Ca2+
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	FFAR2 free fatty acid receptor 3 [Homo sapiens]
Official Symbol	FFAR2
Synonyms	FFAR2; free fatty acid receptor 2; FFA2R; GPR43; G protein-coupled receptor 43; G-protein coupled receptor 43; free fatty acid activated receptor 2;
Entrez Gene ID	2867
Protein Refseq	NP_005297.1
UniProt ID	C6KYL4
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (q) signalling events; GPCR ligand binding; Gastrin-CREB signalling pathway via PKC and MAPK
Function	G-protein coupled receptor activity; lipid binding;