

Anti-GPR31 antibody



Description	Rabbit polyclonal to GPR31.
Model	STJ93377
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human GPR31
Immunogen Region	150-230 aa, Internal
Gene ID	2853
Gene Symbol	GPR31
Dilution range	WB 1:500-1:2000ELISA 1:5000
Specificity	GPR31 Polyclonal Antibody detects endogenous levels of GPR31 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	S-hydroxy-5,8,10,14-eicosatetraenoic acid receptor -12 S-HETE receptor 12-HETER G-protein coupled receptor 31
Molecular Weight	33 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4486OMIM:602043
Alternative Names	S-hydroxy-5,8,10,14-eicosatetraenoic acid receptor -12 S-HETE receptor 12-HETER G-protein coupled receptor 31
Function	High-affinity receptor for 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid (12-S-HETE). 12-(S)-HETE is an arachidonic acid metabolite secreted by platelets and tumor cells, and known to induce endothelial cells retraction allowing invasive cell access to the subendothelial matrix, which is a critical step for extravasation or metastasis. Ligand-binding lead to activation of ERK1/2 (MAPK3/MAPK1), MEK, and NF-kappa-B.
Cellular Localization	Cell membrane

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