

Immunotag™ GPR31 Antibody

Antibody Specification	
Catalog No.	ITA5846
Product Description	Immunotag™ GPR31 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GPR31
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500~1:1000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	GPR31 Antibody detects endogenous levels of total GPR31
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GPR31
Accession No.	O00270
Alternate Names	12-(S)-HETE acid receptor; 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid (HETE) receptor; 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid receptor; 12-(S)-HYDROXYEICOSATETRAENOIC ACID RECEPTOR; 12-HETER; bA517H2.2 (G protein coupled receptor 31); G protein coupled receptor 31; GPR31; HETER; HETER1; OTTHUMP00000017616; Probable G protein coupled receptor 31;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	33 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.