

Anti-GPR84 antibody



Description	Unconjugated Rabbit polyclonal to GPR84
Model	STJ192641
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human GPR84 protein.
Immunogen Region	230-310aa
Gene ID	53831
Gene Symbol	GPR84
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	GPR84 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed predominantly in hematopoietic tissues. High levels detected in the bone marrow and lower levels in the peripheral leukocytes and lung. Also expressed in brain, heart, muscle, colon, thymus, spleen, kidney, liver, placenta and intestine. Within the leukocyte population expression is higher in neutrophils and eosinophils relative to T- or B-lymphocytes.
Purification	GPR84 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	G-protein coupled receptor 84 Inflammation-related G-protein coupled receptor EX33

Molecular Weight	43 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4535OMIM:606383
Alternative Names	G-protein coupled receptor 84 Inflammation-related G-protein coupled receptor EX33
Function	Receptor for medium-chain free fatty acid (FFA) with carbon chain lengths of C9 to C14. Capric acid (C10:0), undecanoic acid (C11:0) and lauric acid (C12:0) are the most potent agonists. Not activated by short-chain and long-chain saturated and unsaturated FFAs. Activation by medium-chain free fatty acid is coupled to a pertussis toxin sensitive G(i/o) protein pathway. May have important roles in processes from fatty acid metabolism to regulation of the immune system.
Cellular Localization	Cell membrane. Multi-pass membrane protein.

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