G-Biosciences Image not found or type unknown

Immunotag™ GPRC6A Antibody

Antibody Specification

Catalog No.	ITA5840
Product Description	Immunotag™ GPRC6A 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	GPRC6A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	GPRC6A Antibody detects endogenous levels of total GPRC6A
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	GPRC6A
Accession No.	Q5T6X5
Alternate Names	bA86F4.3; G protein coupled receptor 33; G protein coupled receptor family C group 6 member A; G-protein coupled receptor family C group 6 member A; G-protein coupled receptor GPCR33; GPC6A_HUMAN; GPCR 33; GPCR 6A; GPCR; GPCR33; GPR C6A; GPRC 6A; gprc6a; hGPCR 33; hGPCR33; hGPRC6A; OTTHUMP00000017075; Predicted with SOSUI analysis; seven transmembrane helix receptor;

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Description	Receptor activated by amino acids with a preference for basic amino acids such as L-Lys, L-Arg and L-ornithine but also by small and polar amino acids. The L-alpha amino acids respond is augmented by divalent cations Ca2+ and Mg2+. Activated by extracellular calcium and osteocalcin. Seems to act through a G(q)/G(11) and G(i)-coupled pathway. Mediates the non-genomic effects of androgens in multiple tissue. May coordinate nutritional and hormonal anabolic signals through the sensing of extracellular amino acids, osteocalcin, divalent ions and its responsiveness to anabolic steroids.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	105 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.