G-Biosciences Image not found or type unknown

Immunotag™ GPR54 Antibody

Antibody Specification

Catalog No.	ITA3690
Product Description	Immunotag™ GPR54 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	GPR54
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	GPR54 antibody detects endogenous levels of total GPR54
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.
Gene Name	KISS1R
Accession No.	Q969F8
Alternate Names	AXOR 12; AXOR12; G protein coupled receptor 54; G-protein coupled receptor 54; G-protein coupled receptor OT7T175; GPCR 54; GPCR54; GPR 54; GPR54; hOT7T175; Hypogonadotropin 1; Hypogonadotropin-1; Hypogonadotropin1; KISS 1 receptor; KISS 1R; KiSS-1 receptor; KiSS-1R; KISS1 receptor; Kiss1r; Kisspeptins receptor; KISSR_HUMAN; Metastin receptor; OT7T175;

Antibody Specification

Description	Receptor for metastin (kisspeptin-54 or kp-54), a C-terminally amidated peptide of KiSS1. KiSS1 is a metastasis suppressor protein that suppresses metastases in malignant melanomas and in some breast carcinomas without affecting tumorigenicity. The metastasis suppressor properties may be mediated in part by cell cycle arrest and induction of apoptosis in malignant cells. The receptor is essential for normal gonadotropin-released hormone physiology and for puberty. The hypothalamic KiSS1/KISS1R system is a pivotal factor in central regulation of the gonadotropic axis at puberty and in adulthood. The receptor is also probably involved in the regulation and fine-tuning of trophoblast invasion generated by the trophoblast itself. Analysis of the transduction pathways activated by the receptor identifies coupling to phospholipase C and intracellular calcium release through pertussis toxin-insensitive G(q) proteins.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	42 kDa;
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.