G-Biosciences Image not found or type unknown

Immunotag™ GNA11 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN0757
Product Description	Immunotag™ GNA11 Polyclonal Antibody
Size	50 µg, 100 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	GNA11
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	GNA11 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	GNA11 GA11
Accession No.	P29992 P21278 Q9JID2

Antibody Specification

Description	G protein subunit alpha 11(GNA11) Homo sapiens The protein encoded by this gene belongs to the family of guanine nucleotide-binding proteins (G proteins), which function as modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes one of the alpha subunits (subunit alpha-11). Mutations in this gene have been associated with hypocalciuric hypercalcemia type II (HHC2) and hypocalcemia dominant 2 (HYPOC2). Patients with HHC2 and HYPOC2 exhibit decreased or increased sensitivity, respectively, to changes in extracellular calcium concentrations. [provided by RefSeq, Dec 2013],
Cell Pathway/ Category	Calcium,Vascular smooth muscle contraction,Gap junction,Long-term depression,GnRH,
Protein Expression	Brain,Cervix carcinoma,Hematopoietic,Pancreas,PCR rescued clones,Retina,Tes
Subcellular Localization	photoreceptor outer segment,cytoplasm,lysosomal membrane,plasma membrane,extracellular exosome,
Protein Function	function:Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Acts as an activator of phospholipase C.,similarity:Belongs to the G-alpha family. G(q) subfamily.,subunit:G proteins are composed of 3 units; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.