

Immunotag™ GNAS Antibody

Antibody Specification	
Catalog No.	ITA7145
Product Description	Immunotag™ GNAS 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	GNAS
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human GNAS
Specificity	GNAS Antibody detects endogenous levels of total GNAS
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	GNAS
Accession No.	P63092
Alternate Names	Adenylate cyclase stimulating G alpha protein; AHO; C20orf45; Extra large alphas protein; GNAS complex locus; GNAS1; GPSA; GSA; GSP; Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1; Guanine nucleotide binding protein G(s) alpha subunit; Guanine nucleotide binding protein G(s) subunit alpha isoforms XLas; guanine nucleotide regulatory protein; NESP; Neuroendocrine secretory protein; PHP1A; PHP1B; PHP1C; POH; RP4-543J19.4; Secretogranin VI; XLalphas;

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Description	Guanine nucleotide-binding proteins (G proteins) function as transducers in numerous signaling pathways controlled by G protein-coupled receptors (GPCRs) (PubMed:17110384). Signaling involves the activation of adenylyl cyclases, resulting in increased levels of the signaling molecule cAMP (PubMed:26206488, PubMed:8702665). GNAS functions downstream of several GPCRs, including beta-adrenergic receptors (PubMed:21488135). Stimulates the Ras signaling pathway via RAPGEF2 (PubMed:12391161).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	46kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.