

Immunotag™ Gα 14 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2091
Product Description	Immunotag™ Gα 14 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	Gα 14
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human GNA14. AA range:1-50
Specificity	Gα 14 Polyclonal Antibody detects endogenous levels of Gα 14 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	GNA14
Accession No.	O95837 P30677
Alternate Names	GNA14; Guanine nucleotide-binding protein subunit alpha-14; G alpha-14; G-protein subunit alpha-14

Antibody Specification

Description	G protein subunit alpha 14(GNA14) Homo sapiens This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins are heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a member of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The encoded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors.[provided by RefSeq, Feb 2009],
Cell Pathway/ Category	AMPK
Protein Expression	Caudate nucleus,Pancreas,Spleen,
Subcellular Localization	heterotrimeric G-protein complex,plasma membrane,extracellular exosome,
Protein Function	function:Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.,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.