

Immunotag™ Gα 14 Polyclonal Antibody

| Antibody Specification | |
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| 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

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| 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. |