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# GNG5 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22033b

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | P63218 |
| **Other Accession** | P63217, Q80SZ7, Q5REH7, P63219 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Bovine, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB55037 |
| **Calculated MW** | 7318 |

## Additional Information

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| **Gene ID** | 2787 |
| **Other Names** | Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5, GNG5, GNGT5 |
| **Target/Specificity** | This GNG5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from human GNG5. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | GNG5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | GNG5 |
| **Synonyms** | GNGT5 |
| **Function** | Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The |

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|---|---|
| | beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. |
| **Cellular Location** | Cell membrane; Lipid-anchor; Cytoplasmic side |

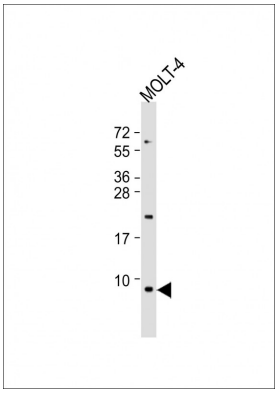
## Background

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein- effector interaction.

## References


Liu B.,et al.Biochem. Biophys. Res. Commun. 251:88-94(1998).
Mao M.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).


## Images




Anti-GNG5 Antibody (C-Term) at 1:1000 dilution + MOLT-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 7 kDa Blocking/Dilution buffer: 5% NFDM/TBST.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.