

# GNG5 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22033b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P63218</a>
<b>Other Accession</b>	<a href="#">P63217</a> , <a href="#">Q80SZ7</a> , <a href="#">Q5REH7</a> , <a href="#">P63219</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Bovine, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB55037
<b>Calculated MW</b>	7318

## Additional Information

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<b>Gene ID</b>	2787
<b>Other Names</b>	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5, GNG5, GNGT5
<b>Target/Specificity</b>	This GNG5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from human GNG5.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	GNG5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	GNG5
<b>Synonyms</b>	GNGT5
<b>Function</b>	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.

## 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).

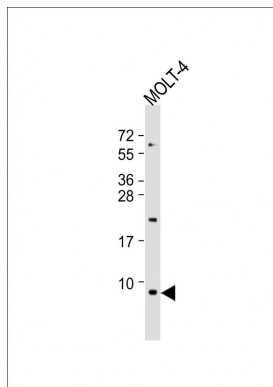
Mao M.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).

Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.

Kalnina 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'.