

GNG5 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22033b**Specification**

GNG5 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	P63218
Other Accession	P63217 , Q80SZ7 , Q5REH7 , P63219 , A0A804HLA8
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	7318

GNG5 Antibody (C-Term) - Additional Information**Gene ID** 2787**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5, GNG5, NGGT5

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.

GNG5 Antibody (C-Term) - Protein Information**Name** GNG5

Synonyms NGT5

Function 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

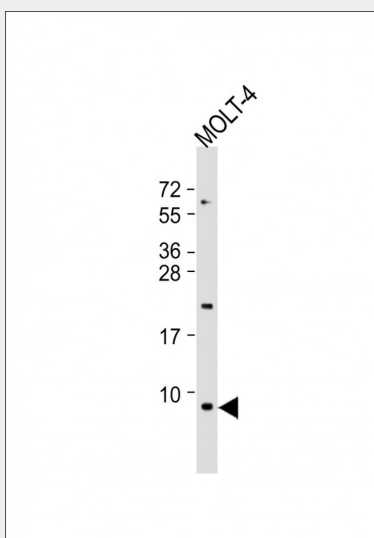
Cell membrane; Lipid-anchor; Cytoplasmic side

GNG5 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GNG5 Antibody (C-Term) - 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% NFD/MTBST.

GNG5 Antibody (C-Term) - 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.

GNG5 Antibody (C-Term) - 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).