

GNG2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21903a

Product Information

Application	WB, IHC-P, E
Primary Accession	P59768
Other Accession	P63212 , P63213 , Q5R7U4
Reactivity	Human, Mouse
Predicted	Mouse, Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54059
Calculated MW	7850

Additional Information

Gene ID	54331
Other Names	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2, G gamma-I, GNG2
Target/Specificity	This GNG2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 19-52 amino acids from of human GNG2.
Dilution	WB~~1:8000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	GNG2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GNG2
Function	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems (PubMed: 29925951 , PubMed: 33762731 , PubMed: 34239069 ,

PubMed:[35610220](#), PubMed:[35714614](#), PubMed:[35835867](#), PubMed:[36087581](#), PubMed:[36989299](#), PubMed:[37327704](#), PubMed:[37935376](#), PubMed:[37935377](#), PubMed:[37963465](#), PubMed:[38168118](#), PubMed:[38552625](#)). The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction (PubMed:[29925951](#), PubMed:[33762731](#), PubMed:[34239069](#), PubMed:[35610220](#), PubMed:[35714614](#), PubMed:[35835867](#), PubMed:[36087581](#), PubMed:[36989299](#), PubMed:[37327704](#), PubMed:[37935376](#), PubMed:[37935377](#), PubMed:[37963465](#), PubMed:[38168118](#), PubMed:[38552625](#)).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Expressed in fetal tissues, including testis, adrenal gland, brain, white blood cells and brain

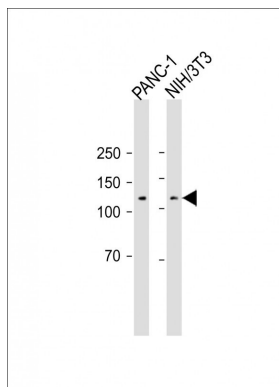
Background

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 (By similarity).

References

Modarressi M.H.,et al.Biochem. Biophys. Res. Commun. 272:610-615(2000).
 Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
 Bechtel S.,et al.BMC Genomics 8:399-399(2007).
 Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
 Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).

Images



All lanes: Anti-ROR1 antibody (C-term) at 1:250 dilution
 Lane 1: PANC-1 whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 120 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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