

GNG12 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21906b

Specification

GNG12 Antibody (C-Term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9UBI6
Other Accession	Q28024 , Q9DAS9 , Q5RBQ0
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	37-68

GNG12 Antibody (C-Term) - Additional Information

Gene ID 55970

Other Names

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12, GNG12

Target/Specificity

This GNG12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 37-68 amino acids from human GNG12.

Dilution

WB~~1:2000

IHC-P~~1:25

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

GNG12 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

GNG12 Antibody (C-Term) - Protein Information

Name GNG12

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

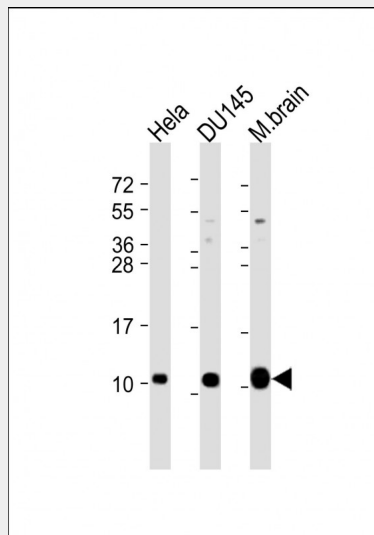
Cell membrane; Lipid-anchor; Cytoplasmic side

GNG12 Antibody (C-Term) - Protocols

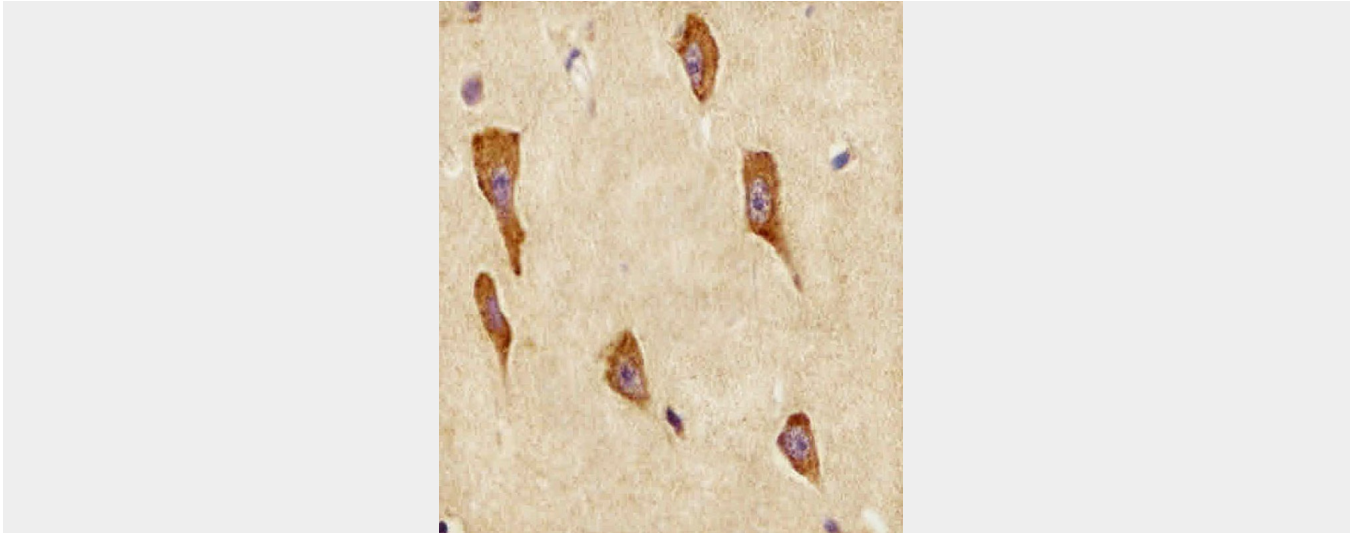
Provided below are standard protocols that you may find useful for product applications.

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

GNG12 Antibody (C-Term) - Images



All lanes : Anti-GNG12 Antibody (C-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: DU145 whole cell lysate Lane 3: mouse brain lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 8 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



AP21906b staining GNG12 in human brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

GNG12 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.

GNG12 Antibody (C-Term) - References

- Hurowitz E.H., et al. DNA Res. 7:111-120(2000).
- Yang L., et al. Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
- Hu R.-M., et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
- Cook L.A., et al. Protein Sci. 10:2548-2555(2001).
- Puhl H.L. III, et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.