

GNG12 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21906b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBI6
Other Accession	Q28024 , Q9DAS9 , Q5RBQ0
Reactivity	Human, Mouse
Predicted	Mouse, Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54056
Calculated MW	8006

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~~1:100~500 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	GNG12 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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

Hurowitz E.H.,et al.DNA Res. 7:111-120(2000).

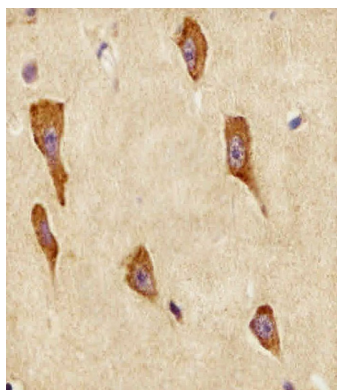
Yang L.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.

Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).

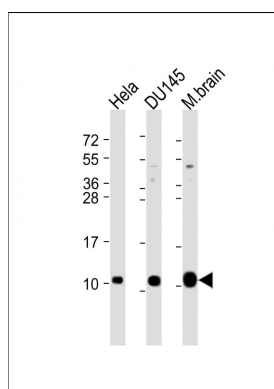
Cook L.A.,et al.Protein Sci. 10:2548-2555(2001).

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

Images



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 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



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 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 8 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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