

Rabbit anti-Human, Mouse GNG2 Polyclonal Antibody | anti-GNG2 antibody

GNG2 Antibody (N-Term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290624	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

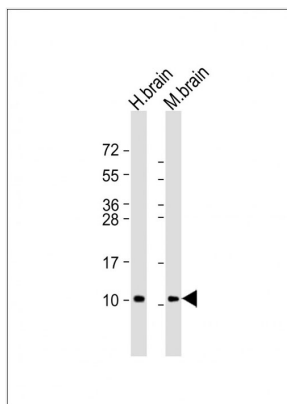
PRODUCT SYNONYMS

GNG2; Polyclonal Antibody; GNG2 Antibody (N-Term); Purified Rabbit Polyclonal Antibody (Pab); Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2; G gamma-I; anti-GNG2 antibody

PRODUCT SPECIFICATIONS

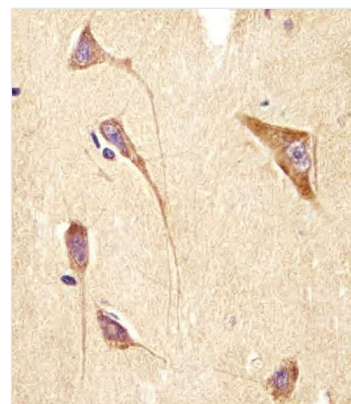
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Sequence Length	71
Applicable Applications for anti-GNG2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-GNG2 Antibody (N-Term) at 1:8000 dilution
Lane 1: human brain lysate
Lane 2: mouse brain lysate
Lysates/proteins at 20 ug per lane.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 8 kDa
Blocking/Dilution buffer: 5% NFD/TBST.



IHC (Immunohistochemistry)

AP21903a staining GNG2 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 degree C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GNG2 antibody	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).
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Product Categories/Family for anti-GNG2 antibody	Crown Antibodies; Cancer; Metabolism; Signal Transduction
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	344313196
NCBI GeneID	54331
NCBI Accession #	NP_001230702.1
NCBI GenBank Nucleotide #	NM_001243773.1
UniProt Accession #	P59768; Q5JPE2; Q6P9A9
Molecular Weight	7,850 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), gamma 2
NCBI Official Symbol	GNG2
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2
UniProt Gene Name	GNG2
UniProt Entry Name	GBG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/gng2-antibody-western-blot-immunohistochemistry-elisa/290624>