Rabbit anti-Human, Mouse GNG3 Polyclonal Antibody | anti-GNG3 antibody

GNG3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328002	**Rabbit**	**Human, Mouse**	**ELISA, Western Blot**

PRODUCT SYNONYMS

GNG3; Polyclonal Antibody; GNG3 Antibody; GBG3_HUMAN; Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3; anti-GNG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GNG3 antibody detects endogenous levels of total GNG3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	75
Applicable Applications for anti-GNG3 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human GNG3
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (100%), Zebrafish (80%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis GNG3 using HT29 whole cell lysates

WB (Western Blot)
Western blot analysis of extracts from rat brain, using GNG3 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GNG3 antibody	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. Subunit Structure: G proteins are composed of 3 units, alpha, beta and gamma. Interacts with SCN8A (PubMed:26900580). Similarity: Belongs to the G protein gamma family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912394
NCBI GeneID	2785
NCBI Accession #	NP_036334.1
NCBI GenBank Nucleotide #	NM_012202.4
UniProt Accession #	P63215; P29798; Q61014; B2R4S7
Molecular Weight	Observed: 8 kDa Predicted: 9 kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3
NCBI Official Synonym Full Names	G protein subunit gamma 3
NCBI Official Symbol	GNG3
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3
UniProt Gene Name	**GNG3**
UniProt Synonym Gene Names	GNGT3

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/gng3-antibody-western-blot-elisa/328002