

Rabbit GNG8 Polyclonal Antibody | anti-GNG8 antibody

GNG8 Antibody

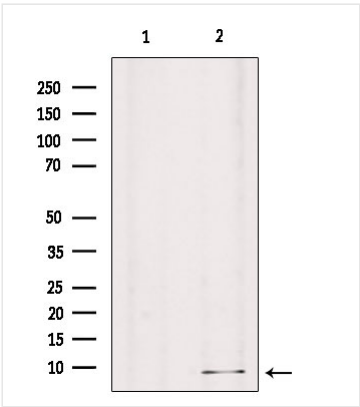
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328004	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

GNG8; Polyclonal Antibody; GNG8 Antibody; Gamma-9; GBG8_HUMAN; Gng8; Guanine nucleotide-binding protein G(l)/G(s)/G(o) subunit gamma-8; anti-GNG8 antibody

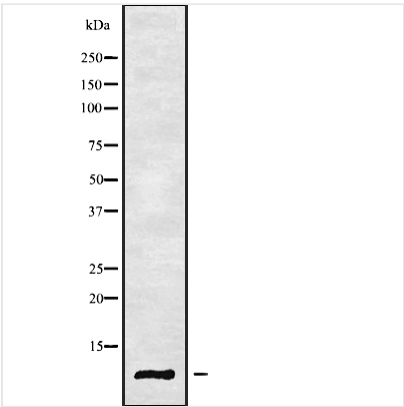
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GNG8 antibody detects endogenous levels of total GNG8
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	70
Applicable Applications for anti-GNG8 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human GNG8
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), 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.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using GNG8 Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis GNG8 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-GNG8 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. Similarity: Belongs to the G protein gamma family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15147246
NCBI GeneID	94235
NCBI Accession #	NP_150283.1
NCBI GenBank Nucleotide #	NM_033258.1
UniProt Accession #	Q9UK08; Q4VBM5
Molecular Weight	Observed: 8 kDa Predicted: 8 kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-8
NCBI Official Synonym Full Names	G protein subunit gamma 8
NCBI Official Symbol	GNG8
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-8
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-8
UniProt Gene Name	GNG8
UniProt Synonym Gene Names	GNG9; GNGT9

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.