

Rabbit GNB2 Polyclonal Antibody | anti-GNB2 antibody

GNB2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199906	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

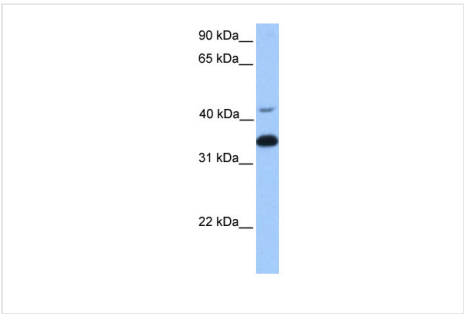
PRODUCT SYNONYMS

GNB2; Polyclonal Antibody; GNB2 antibody - middle region; anti-GNB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: CC RFLDDNQIIT SSGDTTCALW DIETGQQTVG FAGHSGDVMS LSLAPDGR
Sequence Length	340
Applicable Applications for anti-GNB2 antibody	WB (Western Blot)
Protein Size (# AA)	340 amino acids
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNB2
Subunit	beta-2
Protein Interactions	UBC; TP53; MEF2A; MTOR; ACTN4; TAF8; HIST4H4; GNG12; HDAC5; HIST2H2BE; TBP; STAT3; STAT1; SUMO2; SUMO3; NFATC2; MDM2; UBD; ADRB2; PAN2; CSNK1A1; PDHB; ATF2; ID3; ESR1; GNAI3; GNAI2; GNAI1; GNG8; GNG2; ATXN10; RASD2; PDCL; NR3C1; NGT2; GNG10; GNG7; GNG5;
Blocking Peptide	For anti-GNB2 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-GNB2 Antibody Titration: 0.2-1 ug/mlPositive Control: Human brain

ADDITIONAL INFORMATION

Related Product Information for anti-GNB2 antibody	This is a rabbit polyclonal antibody against GNB2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. GNB2 is a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. This gene contains a trinucleotide (CCG) repeat length polymorphism in its 5' UTR. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-GNB2 antibody	Polyclonal; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Signal Transduction; Various; DNA/RNA/Protein Interactions; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	20357529
NCBI GeneID	2783
NCBI Accession #	NP_005264
NCBI GenBank Nucleotide #	NM_005273
UniProt Accession #	P62879
Molecular Weight	37kDa
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2
NCBI Official Synonym Full Names	G protein subunit beta 2
NCBI Official Symbol	GNB2
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2
UniProt Gene Name	GNB2
UniProt Entry Name	GBB2_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.

