

Rabbit DANRE gnb1 Polyclonal Antibody | anti-gnb1 antibody

DANRE gnb1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287131	Rabbit	Zebrafish (Predicted Reactivity: Bovine, Hamster, Human, Mouse, Rat, Xenopus)	ELISA, Western Blot

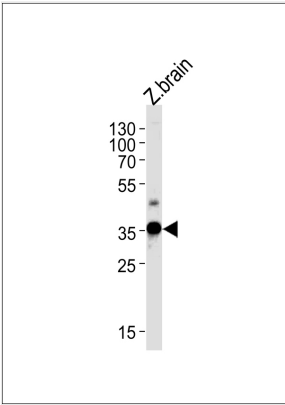
PRODUCT SYNONYMS

DANRE gnb1; Polyclonal Antibody; DANRE gnb1 Antibody (N-term); Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1; Transducin beta chain 1; gnb1; anti-gnb1 antibody

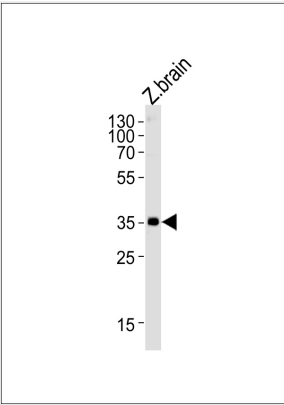
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish (Predicted Reactivity: Bovine, Hamster, Human, Mouse, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DANRE gnb1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of DANRE gnb1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	1-30
Sequence Length	340
Applicable Applications for anti-gnb1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Zebrafish
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)
DANRE gnb1 Antibody (N-term) western blot analysis in zebra fish brain tissue lysates (35ug/lane).This demonstrates the DANRE gnb1 antibody detected the DANRE gnb1 protein (arrow).



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DANRE gnb1 Antibody (N-term) western blot analysis in zebra fish brain tissue lysates (35ug/lane).This demonstrates the DANRE gnb1 antibody detected the DANRE gnb1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-gnb1 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).
Product Categories/Family for anti-gnb1 antibody	Crown Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47086811
NCBI GeneID	322104
NCBI Accession #	NP_997774.1
NCBI GenBank Nucleotide #	NM_212609.1
UniProt Accession #	Q6PH57
Molecular Weight	37286
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), beta polypeptide 1a
NCBI Official Symbol	gnb1a
NCBI Official Synonym Symbols	gnb1; wu:fb50b09; wu:fj94h04
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
UniProt Gene Name	gnb1
UniProt Entry Name	GBB1_DANRE

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.