

**DANRE gnb1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # Azb10033a**

**Specification**

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**DANRE gnb1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q6PH57</a>
Other Accession	<a href="#">P79959</a> , <a href="#">P54311</a> , <a href="#">P62874</a> , <a href="#">P62873</a> , <a href="#">Q6TMK6</a> , <a href="#">P62871</a>
Reactivity	Zebrafish
Predicted	Bovine, Hamster, Human, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37286
Antigen Region	1-30

**DANRE gnb1 Antibody (N-term) - Additional Information**

**Gene ID** 322104

**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1, Transducin beta chain 1, gnb1

**Target/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.

**Dilution**

WB~~1:1000

**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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DANRE gnb1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DANRE gnb1 Antibody (N-term) - Protein Information**

**Name** gnb1

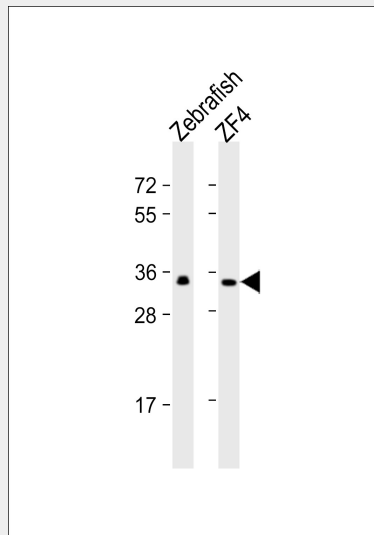
**Function** Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction (By similarity).

### DANRE gnb1 Antibody (N-term) - Protocols

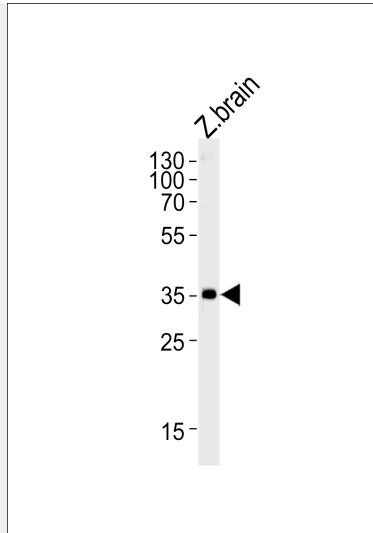
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

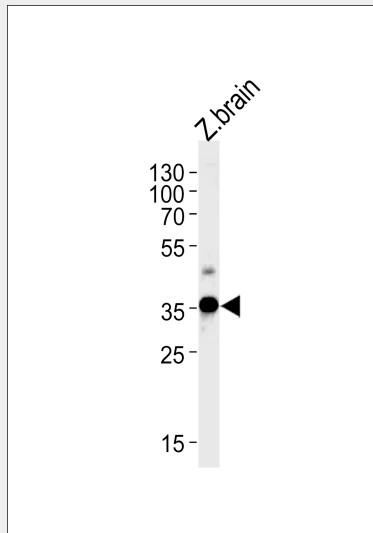
### DANRE gnb1 Antibody (N-term) - Images



All lanes : Anti-(DANRE) gnb1 Antibody (center) at 1:1000 dilution Lane 1: Zebrafish lysate Lane 2: ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DANRE gnb1 Antibody (N-term) (Cat. #Azb10033a) western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the DANRE gnb1 antibody detected the DANRE gnb1 protein (arrow).



DANRE gnb1 Antibody (N-term) (Cat. #Azb10033a) western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the DANRE gnb1 antibody detected the DANRE gnb1 protein (arrow).

### **DANRE gnb1 Antibody (N-term) - Background**

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).