

**GNGT1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20634c****Specification**

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**GNGT1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P63211</a>
Other Accession	<a href="#">Q61012</a> , <a href="#">P02698</a>
Reactivity	Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	54-74

**GNGT1 Antibody (C-term) - Additional Information****Gene ID** 2792**Other Names**

Guanine nucleotide-binding protein G(T) subunit gamma-T1, Transducin gamma chain, GNGT1

**Target/Specificity**

This GNGT1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide within amino acid positions 54-74 of human GNGT1.

**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**

GNGT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GNGT1 Antibody (C-term) - Protein Information****Name** GNGT1

**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.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

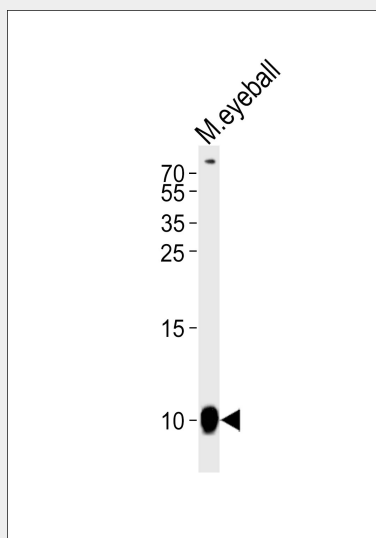
**Tissue Location**

Retinal rod outer segment.

**GNGT1 Antibody (C-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](#)

**GNGT1 Antibody (C-term) - Images**

Western blot analysis of lysate from mouse eyeball tissue lysate, using GNGT1 Antibody (C-term)(Cat. #AP20634c). AP20634c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

**GNGT1 Antibody (C-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.

**GNGT1 Antibody (C-term) - References**

Tao L.,et al.Exp. Eye Res. 56:497-507(1993).  
Scherer S.W.,et al.Genomics 35:241-243(1996).

Puhl H.L. III, et al. Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.  
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
Scherer S.W., et al. Science 300:767-772(2003).