

GNGT1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20634c

Product Information

Application	WB, E
Primary Accession	P63211
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB46801
Calculated MW	8496

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 between 56-91 amino acids from the C-terminal region of human GNGT1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.

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.

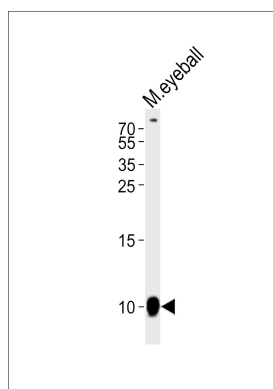
Background

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.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.