GNGT1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GNGT1, Polyclonal Antibody
Full Product Name	GNGT1 Rabbit pAb
Product Gene Name	anti-GNGT1 antibody
Product Synonym Names	GNG1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	10kDa
OMIM	189970
3D Structure	ModBase 3D Structure for P63211
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-45 of human GNGT1 (NP_068774.1).
Cellular Localization	Cell Membrane, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GNGT1 antibody	Western Blot (WB)
Application Notes for anti-GNGT1 antibody	WB: 1:500-1:2000
Related Product Information for anti-GNGT1 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.
Other Notes	Small volumes of anti-GNGT1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GNGT1 purchase	MBS8550013 is an antibody targeting GNGT1. Also known as GNGT1 Rabbit pAb. Reactive in Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GNGT1. It may not necessarily be applicable to this product.

NCBI GI #	11386179
NCBI GeneID	2792

NCBI Accession #	NP_068774.1
UniProt Primary Accession #	P63211
UniProt Related Accession #	P63211
GenBank Nucleotide #	NP_068774.1
NCBI Official Full Name	guanine nucleotide-binding protein G(T) subunit gamma-T1
NCBI Official Synonym Full Names	G protein subunit gamma transducin 1
NCBI Official Symbol	GNGT1
NCBI Official Synonym Symbols	GNG1
UniProt Protein Name	Guanine nucleotide-binding protein G(T) subunit gamma-T1
UniProt Synonym Protein Names	Transducin gamma chain
UniProt Gene Name	GNGT1
UniProt Entry Name	GBG1_HUMAN
NCBI Protein Information	guanine nucleotide-binding protein G(T) subunit gamma-T1
NCBI Summary for GNGT1	This gene encodes the gamma subunit of transducin, a guanine nucleotide-binding protein (G protein) that is found in rod outer segments. Transducin, also known as GMPase, mediates the activation of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase by rhodopsin. [provided by RefSeq, Jul 2016]
Research Articles on GNGT1	**1.** Suggest Gbeta4gamma1 as a modulator of M3 muscarinic receptor signaling.
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