ARG58880
anti-GNGT2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNGT2
Tested Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNGT2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-69 of Human GNGT2 (NP_113686.1).
Conjugation	Un-conjugated
Alternate Names	GNG8; GNG9; GNGT8; G-GAMMA-8; G-GAMMA-C; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2; G gamma-C; G-gamma-8; G-gamma-9; Guanine nucleotide binding protein gamma transducing activity polypeptide 2

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

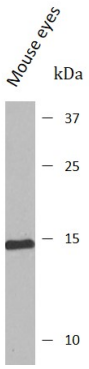
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GNGT2
Gene Full Name	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2
Background	Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2010]
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. [UniProt]
Calculated Mw	8 kDa
Cellular Localization	Cell membrane, Cytoplasmic side, Lipid-anchor. [UniProt]

Images



ARG58880 anti-GNGT2 antibody WB image

Western blot: Mouse eyes stained with ARG58880 anti-GNGT2 antibody at 1:1000 dilution.