

ARG58882 anti-GNG7 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNG7
Tested Reactivity	Ms, Rat
Tested Application	WB
Specificity	This antibody might be cross-react to GNG2 (73%) and GNG12 (78%) based on immunogen sequence analysis.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNG7
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-68 of Human GNG7 (NP_443079.1).
Conjugation	Un-conjugated
Alternate Names	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	12 kDa	

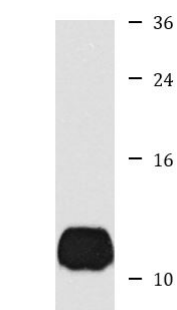
Properties

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	GNG7
Gene Full Name	guanine nucleotide binding protein (G protein), gamma 7
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. Plays a role in the regulation of adenylyl cyclase signaling in certain regions of the brain. Plays a role in the formation or stabilization of a G protein heterotrimer (G(olf) subunit alpha-beta-gamma-7) that is required for adenylyl cyclase activity in the striatum (By similarity). [UniProt]
Calculated Mw	8 kDa
Cellular Localization	Cell membrane, Lipid-anchor, Cytoplasmic side. [UniProt]

Images



ARG58882 anti-GNG7 antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG58882 anti-GNG7 antibody at 1:1000 dilution.