Product datasheet

ARG58935
anti-GNG4 antibody

Package: 50 μl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNG4
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb, Zfsh
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNG4
Species	Human
Immunogen	Synthetic peptide around the middle region of Human GNG4. (within the following region: EACMDRVKVSQAAADLLAYCEAHVREDPLIIPVPASENPFREKKFFCTIL)
Conjugation	Un-conjugated
Alternate Names	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Application table	

Application	Dilution
WB	1 μg/ml

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, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
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 or below. 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	GNG4
Gene Full Name	guanine nucleotide binding protein (G protein), gamma 4
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; Lipid-anchor; Cytoplasmic side. [UniProt]

Images

Human fetal brain

60 kDa__
40 kDa__
29 kDa__
22 kDa__

10 kDa__
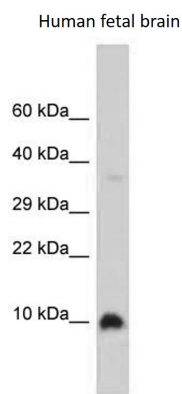
ARG58935 anti-GNG4 antibody WB image

Western blot: Human fetal brain lysate stained with ARG58935 anti-GNG4 antibody at 1 µg/ml dilution.