ARG58934
anti-GNAZ antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNAZ
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Gpig, Hrs, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNAZ
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human GNAZ. (within the following region: LIIYNAIDSLTRIIRALAALRIDFHNPDRAYDAVQLFALTGPAESKGEIT)
Conjugation	Un-conjugated
Alternate Names	Guanine nucleotide-binding protein G(z) subunit alpha; G(x) alpha chain; Gz-alpha

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%

Application table

Application	Dilution
WB	0.2 - 1 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HepG2

Properties

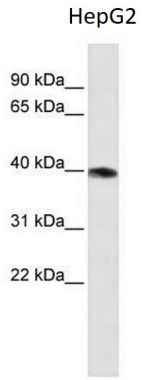
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term 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

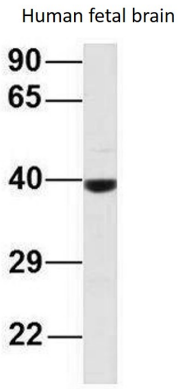
Gene Symbol	GNAZ
Gene Full Name	guanine nucleotide binding protein (G protein), alpha z polypeptide
Background	The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systms. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. [provided by RefSeq, Jul 2008]
Function	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Membrane; Lipid-anchor. [UniProt]

Images



ARG58934 anti-GNAZ antibody WB image

Western blot: HepG2 cell lysate stained with ARG58934 anti-GNAZ antibody at 0.2 - 1 µg/ml dilution.



ARG58934 anti-GNAZ antibody WB image

Western blot: Human fetal brain lysate stained with ARG58934 anti-GNAZ antibody at 1 µg/ml dilution.