

ARG64757 anti-RGS13 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RGS13
Tested Reactivity	Hu
Tested Application	WB
Specificity	Reported variants represent identical proteins: NP_002918.1, NP_658912.1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RGS13
Species	Human
Immunogen	DESKRPPSNLTLEE-C
Conjugation	Un-conjugated
Alternate Names	Regulator of G-protein signaling 13; RGS13

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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

Database links

[GeneID: 6003 Human](#)

[Swiss-port # O14921 Human](#)

Background

The protein encoded by this gene is a member of the regulator of G protein signaling (RGS) family. RGS family members share similarity with *S. cerevisiae* SST2 and *C. elegans* egl-10 proteins, which contain a characteristic conserved RGS domain. RGS proteins accelerate GTPase activity of G protein alpha-subunits, thereby driving G protein into their inactive GDP-bound form, thus negatively regulating G protein signaling. RGS proteins have been implicated in the fine tuning of a variety of cellular events in response to G protein-coupled receptor activation. The biological function of this gene, however, is unknown. Two transcript variants encoding the same isoform exist. [provided by RefSeq, Jul 2008]

Research Area

Signaling Transduction antibody

Calculated Mw

19 kDa

Images



ARG64757 anti-RGS13 antibody WB image

Western Blot: Peripheral Blood Mononucleocyte lysate (35 μ g protein in RIPA buffer) stained with ARG64757 anti-RGS13 antibody at 0.5 μ g/ml dilution.