

RGS11 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17022c

Product Information

Application	WB, E
Primary Accession	O94810
Other Accession	NP_899180.1 , NP_003825.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36798
Calculated MW	52946
Antigen Region	205-234

Additional Information

Gene ID	8786
Other Names	Regulator of G-protein signaling 11, RGS11, RGS11
Target/Specificity	This RGS11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-234 amino acids from the Central region of human RGS11.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RGS11 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RGS11
Function	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.

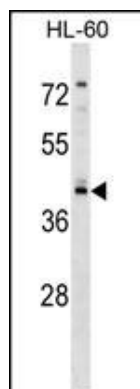
Background

The protein encoded by this gene belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

References

Wang, J., et al. Carcinogenesis 31(10):1755-1761(2010)
Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)
Saleem, Y., et al. Biochem. Biophys. Res. Commun. 386(1):65-70(2009)
Martin, J., et al. Nature 432(7020):988-994(2004)
Sierra, D.A., et al. Genomics 79(2):177-185(2002)

Images



RGS11 Antibody (Center) (Cat. #AP17022c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the RGS11 antibody detected the RGS11 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.