

RGS11 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17022c**Specification**

RGS11 Antibody (Center) - 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
Calculated MW	52946
Antigen Region	205-234

RGS11 Antibody (Center) - 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

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.

RGS11 Antibody (Center) - Protein Information**Name** RGS11

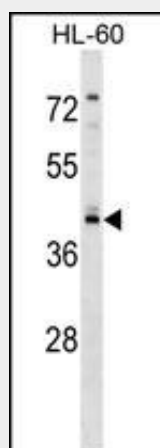
Function Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form.

RGS11 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RGS11 Antibody (Center) - 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).

RGS11 Antibody (Center) - 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.

RGS11 Antibody (Center) - 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)