

RGS14 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07802
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RGS14. AA range:125-174
Mol wt	64922
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	RGS14 Antibody
Synonyms	RGS14; Regulator of G-protein signaling 14; RGS14

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

RGS14 encodes a member of the regulator of G-protein signaling family. Regulator of G-protein signaling 14 contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain. The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

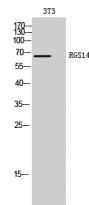
Recommended Dilution

WB: 1: 500 - 1: 2000

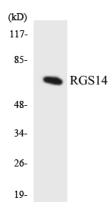
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of 3T3 cells using RGS14 Polyclonal Antibody cells nucleus.



Western blot analysis of the lysates from HUVEC cells using RGS14 antibody.

Storage

-20°C for one year

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