

RGS1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07798
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human RGS1. AA range:160-209
Mol wt	22475
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	RGS1 Antibody
Synonyms	RGS1; 1R20; BL34; IER1; Regulator of G-protein signaling 1; RGS1; B-cell activation protein BL34; Early response protein 1R20

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

Background

RGS1 encodes a member of the regulator of G-protein signalling family. Regulator of G-protein signaling 1 is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing 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.

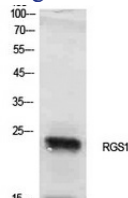
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of NIH-3T3 cells using RGS1 Polyclonal Antibody. Antibody was diluted at 1:1000.
Secondary antibody was diluted at 1:20000

Storage

-20°C for one year