

RGS10 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07800
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RGS10. AA range:80-129
Mol wt	20236
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	RGS10 Antibody
Synonyms	RGS10; Regulator of G-protein signaling 10; RGS10

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

Background

Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. Regulator of G-protein signaling 10 associates specifically with the activated forms of the two related G-protein subunits, G-alpha_{i3} and G-alpha_z but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

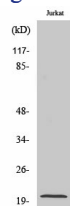
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

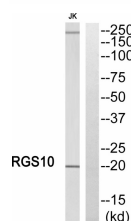
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using RGS10 Polyclonal Antibody



Western blot analysis of RGS10 Antibody. The lane on the right is blocked with the RGS10 peptide.

Storage

-20°C for one year

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