

RGS10 Rabbit Polyclonal Antibody

Catalog No: #55638

Package Size: #55638-1 50ul #55638-2 100ul

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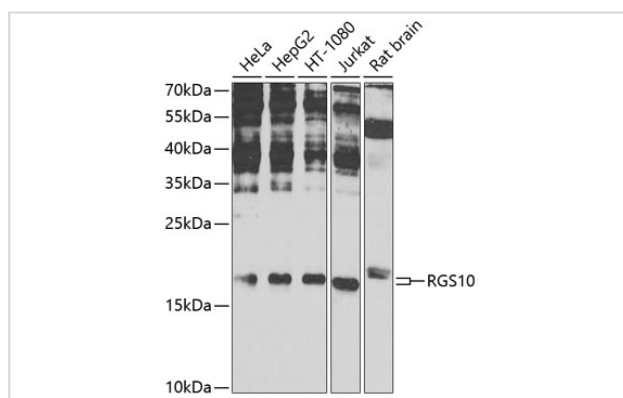
Description

Product Name	RGS10 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human RGS10 (NP_001005339.1).
Conjugates	Unconjugated
Other Names	RGS10
Accession No.	Swiss Prot:O43665GeneID:6001
Calculated MW	19kDa/20kDa/21kDa
SDS-PAGE MW	20kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000 IHC 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using RGS10 at 1:1000 dilution.

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. This protein 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.