

RGS4 antibody

Catalog No: #22897

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	RGS4 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 198 of RGS4
Target Name	RGS4
Accession No.	Swiss-Prot:P49798Gene ID:5999
Uniprot	P49798
GeneID	5999;
Concentration	0.4mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

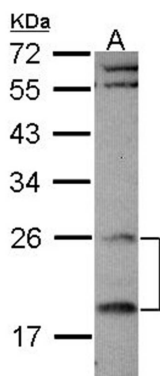
Application Details

Predicted MW: 23kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:500

Images

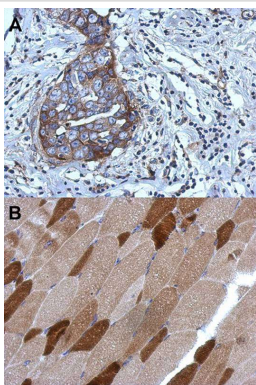


Sample (30 ug of whole cell lysate)

A: Raji

12% SDS PAGE

Primary antibody diluted at 1: 1000



A:Immunohistochemical analysis of paraffin-embedded Breast ca, using RGS4 antibody at 1: 500 dilution.

B:Immunohistochemical analysis of paraffin-embedded Muscle, using RGS4 antibody at 1: 500 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 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. Regulator of G protein signaling 4 protein is 37% identical to RGS1 and 97% identical to rat Rgs4. This protein negatively regulate signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only