

RGS2 Antibody

Catalog No: #35906



Package Size: #35906-1 50ul #35906-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

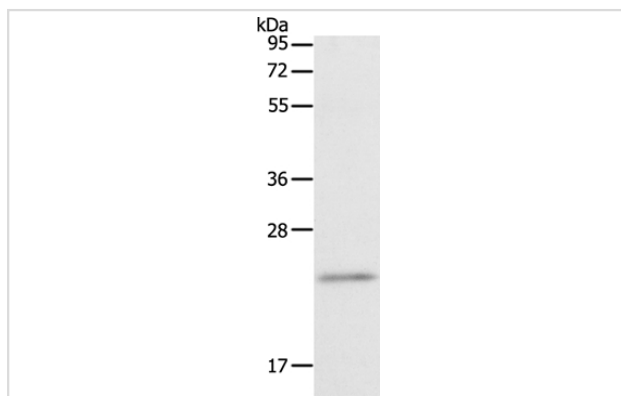
Product Name	RGS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB;IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total RGS2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Egulator of G-protein signaling 2, 24kDa
Conjugates	Unconjugated
Target Name	RGS2
Other Names	G0S8
Accession No.	Swiss-Prot#: P41220NCBI Gene ID: 5997Gene Accssion: BC007049
SDS-PAGE MW	24kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

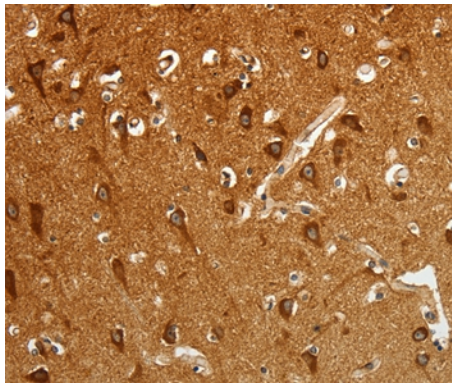
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 12%SDS-PAGE
 Lysates (from left to right): Human fetal lung tissue
 Amount of lysate: 40ug per lane
 Primary antibody: 1/800 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #35906 at dilution 1/20.

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 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis.

Published Papers

Li Jie;Yu Tian;Sun Juan;Ma Mingwei;Zheng Zicheng;Kang Weiming;Ye Xin et al., Comprehensive integration of single-cell RNA and transcriptome RNA sequencing to establish a pyroptosis-related signature for improving prognostic prediction of gastric cancer, , (2024)

PMID:

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