antibodies

Datasheet for ABIN669291 anti-RGS2 antibody (AA 116-211)

2 Images



Overview

Quantity:	100 μL
Target:	RGS2
Binding Specificity:	AA 116-211
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RGS2
lsotype:	lgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.
Target Details	
Target:	RGS2

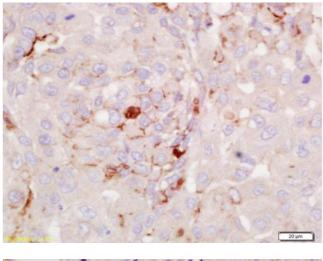
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Target Details	
Alternative Name:	RGS2 (RGS2 Products)
Background:	Synonyms: GS8, Regulator of G-protein signaling 2, RGS2, Cell growth-inhibiting gene 31
	protein, G/G1 switch regulatory protein 8, GIG31
	Background: Inhibits signal transduction by increasing the GTPase activity of G protein alpha
	subunits thereby driving them into their inactive GDP-bound form. May play a role in
	leukemogenesis. Plays a role in negative feedback control pathway for adenylyl cyclase
	signaling. Binds EIF2B5 and blocks its activity, thereby inhibiting the translation of mRNA into protein.
Gene ID:	5997
UniProt:	P41220
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein
	Signaling, Brown Fat Cell Differentiation
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should b handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Concentration: Buffer: Preservative: Precaution of Use: Storage: Storage Comment:	 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. ProClin This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which shou handled by trained staff only. 4 °C,-20 °C

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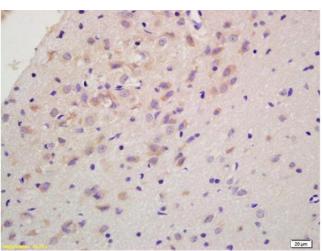
12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-RGS2 Polyclonal Antibody, Unconjugated (ABIN669291) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat brain labeled with Anti-RGS2 Polyclonal Antibody, Unconjugated (ABIN669291) at 1:200 followed by conjugation to the secondary antibody and DAB staining.