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Datasheet for ABIN2792209 anti-RGS3 antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Target:	RGS3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human RGS3
Sequence:	KDNLQSVTRG CFDLAQKRIF GLMEKDSYPR FLRSDLYLDL INQKKMSPPL
Specificity:	Isoforms 1-4 & 6 of P49796
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RGS3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

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Target Details

Target:	RGS3
Alternative Name:	RGS3 (RGS3 Products)
Background:	RGS3 inhibits signal transduction by increasing the GTPASE activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Alias Symbols: C2PA, FLJ20370, FLJ31516, FLJ90496, PDZ-RGS3, RGP3
	Protein Interaction Partner: GORASP2, UBC, PLSCR1, SUMO2, HES4, GNAI2, GNA11, APP, ACD, ARRB1, Nedd4, IRF5, ISG15, CNKSR2, PAX6, GLS2, YWHAE, HIPK3, PARK2, MAPK12, RGS3, YWHAB, YWHAZ, EFNB2, SCN5A, EFNB1, YWHAQ, GNAI3, GRIN2A, ESR1, Protein Size: 519
Molecular Weight:	57 kDa
Gene ID:	5998
NCBI Accession:	NM_021106, NP_066929
UniProt:	P49796
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 519 AA
Restrictions:	For Research Use only

Handling

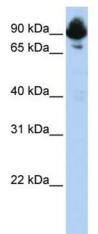
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images

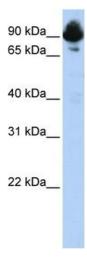


Rabbit Anti-RGS3 Antibody Catalog Number: AVARP09007 Lot Number: QC18582 Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.



Western Blotting

Image 2. Host: Rabbit Target Name: RGS3 Sample Type: HepG2 lysates Antibody Dilution: 1.0ug/ml

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