

Datasheet for ABIN2792222
anti-RGS antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RGS9
Sequence:	MYYQQALMRS TVKSSVSLGG IVKYSEQFSS NDAIMSGCLP SNPWITDDTQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RGS9. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	RGS
Alternative Name:	RGS9 (RGS Products)

Target Details

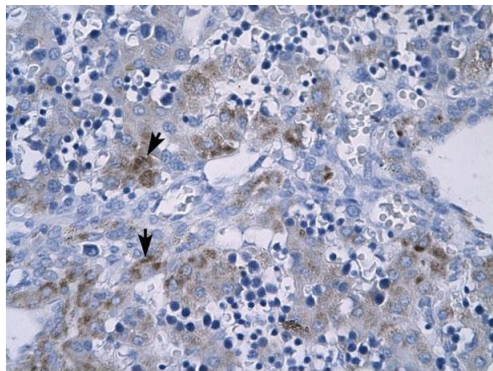
Background:	<p>RGS9 is a member of the RGS family of signaling proteins that suppress the activity of G proteins by promoting their deactivation.</p> <p>Alias Symbols: PERRS, RGS9L</p> <p>Protein Interaction Partner: ADRB2, Dlg4, UBC, RGS7BP, RGS9BP, GNB5, GNAO1, GNAT1, GUCY2D,</p> <p>Protein Size: 443</p>
Molecular Weight:	49 kDa
Gene ID:	8787
NCBI Accession:	NM_003835 , NP_003826
UniProt:	O75916
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Phototransduction

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 443 AA
Restrictions:	For Research Use only

Handling

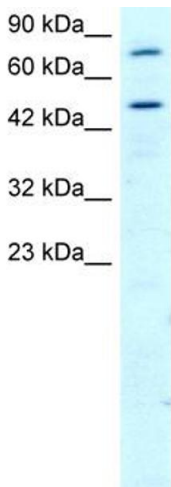
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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



Rabbit Anti-RGS9 Antibody
Catalog Number: AVARP09024
Lot Number: QC0202
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human Liver



Western Blotting

Image 2. WB Suggested Anti-RGS9 Antibody Titration:
2.0ug/ml Positive Control: HepG2 cell lysate