

Datasheet for ABIN630222

anti-RGS antibody (N-Term)

2 Images



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Quantity: 100 µg Target: RGS Binding Specificity: N-Term Reactivity: Human, Mouse, Rat, Dog Host: Rabbit Clonality: Polyclonal Conjugate: This RGS antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (IHC) Product Details RGS9 antibody was raised using the N terminal of RGS9 corresponding to a region with amino acids MYYQQALMRSTVKSSVSLGGIVKYSEQFSSNDAIMSGCLPSNPWITDDTQ Specificity: RGS9 antibody was raised against the N terminal of RGS9 Purification: Purified Target Details RGS9 Target: RGS Alternative Name: RGS9 (RGS Products) Background: RGS9 is a member of the RGS family of signaling proteins that suppress the activity of G proteins by promoting their deactivation.			
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proteins by promoting their deactivation.	Background:		
		proteins by promoting their deactivation.	

Target Details

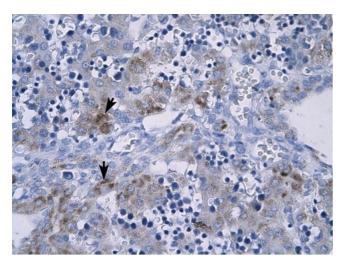
Molecular Weight:	49 kDa (MW of target protein)	
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein	
	Signaling, Phototransduction	

Application Details

Application Notes:	WB: 2 μg/mL, IHC: 4-8 μg/mL
	Optimal conditions should be determined by the investigator.
Comment:	RGS9 Blocking Peptide, catalog no. 33R-6633, is also available for use as a blocking control in assays to test for specificity of this RGS9 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RGS9 antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	



Immunohistochemistry

Image 1. RGS9 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hepatocytes (arrows) in Human Liver. Magnification is at 400X.

90 kDa__ 60 kDa__ 42 kDa__ 32 kDa__ 23 kDa__

Western Blotting

Image 2. RGS9 antibody used at 2 ug/ml to detect target protein.