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# Datasheet for ABIN7167601 anti-RGS2 antibody (AA 1-211)

4 Images



### Overview

Quantity:	100 µg
Target:	RGS2
Binding Specificity:	AA 1-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

# Product Details

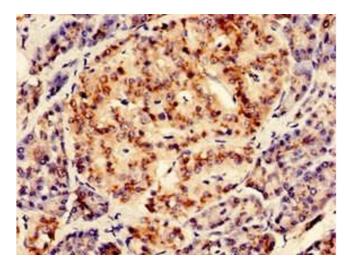
Immunogen:	Recombinant Human Regulator of G-protein signaling 2 protein (1-211AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	RGS2
Alternative Name:	RGS2 (RGS2 Products)
Background:	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

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	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.
	Aliases: Basic helix-loop-helix phosphoprotein G0S8 antibody, Cell growth inhibiting protein 31
	antibody, Cell growth-inhibiting gene 31 protein antibody, G0 to G1 switch regulatory 8 24kD
	antibody, G0/G1 switch regulatory protein 8 antibody, G0S8 antibody, GOS8 antibody,
	OTTHUMP00000060765 antibody, Regulator of G protein signaling 2 antibody, Regulator of G
	protein signalling 2 24kD antibody, Regulator of G-protein signaling 2 antibody, Regulators of G
	protein signaling XRGSVI antibody, RGS 2 antibody, RGS2 antibody, RGS2_HUMAN antibody
UniProt:	P41220
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein
	Signaling, Brown Fat Cell Differentiation
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



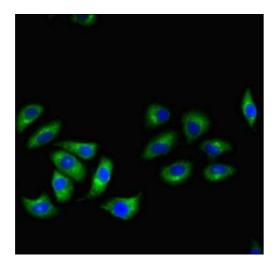
# $120KD \rightarrow 00KD \rightarrow$

### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7167601 at dilution of 1:100

## Western Blotting

**Image 2.** Western Blot Positive WB detected in: U87 whole cell lysate All lanes: RGS2 antibody at  $3 \mu g/mL$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 25, 24, 23, 21 kDa Observed band size: 25 kDa



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of A549 cells using ABIN7167601 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the product details page for more images. Overall 4 images are available for ABIN7167601.

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