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# Datasheet for ABIN1387497 anti-RGS21 antibody (AA 21-120)



Overview

Quantity:	100 µL	
Target:	RGS21	
Binding Specificity:	AA 21-120	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RGS21 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)	

# Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RGS21	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Horse,Rabbit	
Purification:	Purified by Protein A.	

# Target Details

Target:	RGS21
Alternative Name:	RGS21 (RGS21 Products)

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### Target Details

Background:	Synonyms: Regulator of G-protein signaling 21, RGS21, RGS21_HUMAN.
	Background: The regulators of G protein signaling (RGS) proteins inhibit heterotrimeric G
	protein signaling. RGS proteins work by functioning as GTPase-activators (which increase the
	GTPase activity of G protein a-subunits) thereby driving G proteins into their inactive GDP-
	bound form. RGS21 (regulator of G-protein signaling 21) is a 152 amino acid protein that is
	ubiquitously expressed and contains one RGS domain. The gene encoding RGS21 maps to
	human chromosome 1q31.2 and mouse chromosome 1 F. Human chromosome 1 spans 260
	million base pairs, contains over 3,000 genes, comprises nearly 8 % of the human genome and
	houses a large number of disease-associated genes, including those that are involved in
	familial adenomatous polyposis, Stickler syndrome, Parkinson?s disease, Gaucher disease,
	schizophrenia and Usher syndrome.

Pathways:

Regulation of G-Protein Coupled Receptor Protein Signaling

# Application Details

Application Notes:	WB 1:300-5000
	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
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	

# Format:LiquidConcentration:1 μg/μLBuffer:0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.Preservative:ProClinPrecaution of Use:This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be<br/>handled by trained staff only.Storage:4 °C,-20 °C

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Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

12 months