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# Datasheet for ABIN2778234 anti-RGS6 antibody (N-Term)

2 Images



### Overview

Quantity:	100 µL
Target:	RGS6
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RGS6
Sequence:	AQGSGDQRAV GVADPEESSP NMIVYCKIED IITKMQDDKT GGVPIRTVKS
Predicted Reactivity:	Human: 100%, Mouse: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RGS6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	RGS6

Target:	RGS6
Alternative Name:	RGS6 (RGS6 Products)

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## Target Details

Background:	Members of the RGS (regulator of G protein signaling) family, such as RGS6, modulate G
	protein function by activating the intrinsic GTPase activity of the alpha (guanine nucleotide-
	binding) subunits.Members of the RGS (regulator of G protein signaling) family have been
	shown to modulate the functioning of G proteins by activating the intrinsic GTPase activity of
	the alpha (guanine nucleotide-binding) subunits.[supplied by OMIM].
	Alias Symbols: DKFZp313G1241, FLJ43552, GAP, MGC142132
	Protein Interaction Partner: HSP90AA1, GNB4, GNB5, GNB3, GNB2, GNB1, STMN2, DMAP1,
	DNMT1,
	Protein Size: 472
Molecular Weight:	54 kDa
Gene ID:	9628
NCBI Accession:	NM_004296, NP_004287
UniProt:	P49758
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: 472 AA
Restrictions:	For Research Use only

## Handling

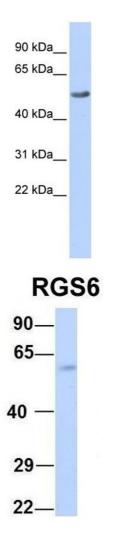
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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



#### Western Blotting

**Image 1.** WB Suggested Anti-RGS6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate

#### Western Blotting

**Image 2.** Host: Rabbit Target Name: RGS6 Sample Type: Human 721\_B Antibody Dilution: 1.0ug/ml RGS6 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells

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