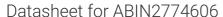
antibodies - online.com







anti-RGS11 antibody (Middle Region)



Image



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Quantity:	100 μL
Target:	RGS11
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS11 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RGS11
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human RGS11 LRQPHRYVLD DAQLHIYMLM KKDSYPRFLK SDMYKALLAE AGIPLEMKRR
Sequence:	LRQPHRYVLD DAQLHIYMLM KKDSYPRFLK SDMYKALLAE AGIPLEMKRR Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
Sequence: Predicted Reactivity:	LRQPHRYVLD DAQLHIYMLM KKDSYPRFLK SDMYKALLAE AGIPLEMKRR Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 83% This is a rabbit polyclonal antibody against RGS11. It was validated on Western Blot using a cell
Sequence: Predicted Reactivity: Characteristics:	LRQPHRYVLD DAQLHIYMLM KKDSYPRFLK SDMYKALLAE AGIPLEMKRR Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 83% This is a rabbit polyclonal antibody against RGS11. It was validated on Western Blot using a cell lysate as a positive control.

Target Details

Alternative Name:	RGS11 (RGS11 Products)	
Background:	RGS11 belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family	
	act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G	
	proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein	
	alpha subunits, thereby driving them into their inactive GDP-bound form. The protein encoded by	
	this gene belongs to the RGS (regulator of G protein signaling) family. Members of the RGS	
	family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-	
	transducing G proteins. This protein inhibits signal transduction by increasing the GTPase	
	activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form.	
	Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms	
	have been identified.	
	Alias Symbols: RS11	
	Protein Interaction Partner: GNB5, ADRB2, SNTA1, HSP90AA1,	
	Protein Size: 446	
Molecular Weight:	51 kDa	
Gene ID:	8786	
NCBI Accession:	NM_003834, NP_003825	
UniProt:	Q4TT72	
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: 446 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.	

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-RGS11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 293T celllysate