antibodies -online.com





anti-RGS19 antibody (N-Term)

3 Images



Go to Product page

\sim	
()\/⊝	view
\circ	V I C V V

Quantity:	100 μL
Target:	RGS19
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human RGS19
Sequence:	PTPHEAEKQI TGPEEADRPP SMSSHDTASP AAPSRNPCCL CWCCCCSCSW
Predicted Reactivity:	Cow: 92%, Dog: 85%, Guinea Pig: 92%, Horse: 93%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against RGS19. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RGS19
Alternative Name:	RGS19 (RGS19 Products)
Background:	G proteins mediate a number of cellular processes. RGS19 belongs to the RGS (regulators of G-

	protein signaling) family and specifically interacts with G protein, GAI3. This protein is a
	guanosine triphosphatase-activating protein that functions to down-regulate Galpha i/Galpha q-
	linked signaling.
	Alias Symbols: GAIP, RGSGAIP
	Protein Interaction Partner: GNAI3, GCH1, UBC, MAPK6, GDE1, OSTM1, GIPC1, OPRL1, TGFBR1,
	PRKCA, MAPK1, GNAI2, GNAO1, GNAI1, GNAZ, CSNK2A2, CSNK2A1, NTRK1,
	Protein Size: 217
Molecular Weight:	25 kDa
Gene ID:	10287
NCBI Accession:	NM_005873, NP_005864
UniProt:	P49795
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein
	Signaling

Application Details

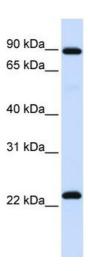
Application Notes:

Comment:	Antigen size: 217 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.
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

Optimal working dilutions should be determined experimentally by the investigator.

aliquots to prevent freeze-thaw cycles.

Images



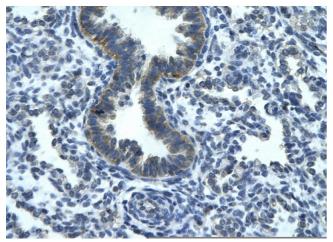
Western Blotting

Image 1. WB Suggested Anti-RGS19 Antibody Titration:

0.2-1 ug/ml

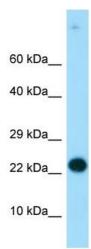
ELISA Titer: 1:12500

Positive Control: Human Lung



Immunohistochemistry

Image 2. Rabbit Anti-RGS19 Antibody Paraffin Embedded Tissue: Human bronchiole epithelium Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 3. WB Suggested Anti-RGS19 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Lung lysate