

Datasheet for ABIN185237
anti-RGS18 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	RGS18
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RGS18 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	RGS18
Immunogen:	Peptide with sequence CNEFQDVQSDVAIWL, from the C Terminus of the protein sequence according to NP_570138.1.
Sequence:	CNEFQDVQSD VAIWL
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

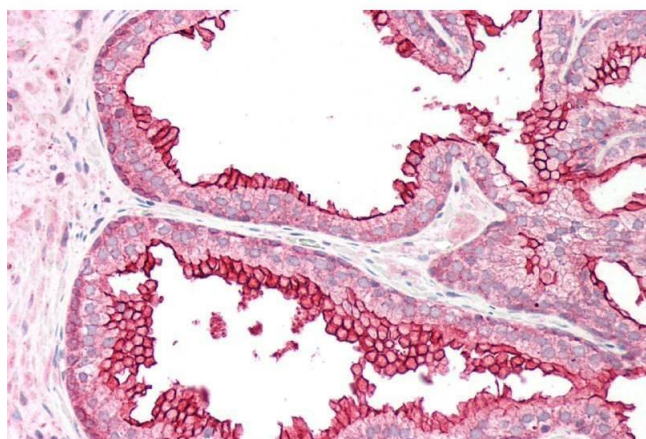
Target:	RGS18
Alternative Name:	RGS18 (RGS18 Products)
Background:	RGS18, RGS13, regulator of G-protein signalling 18, regulator of G-protein signaling 13, RP11-142L4.1, regulator of G-protein signalling 13
Gene ID:	64407
NCBI Accession:	NP_570138
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Prostate and Small Intestine. Recommended concentration: 5 µg/mL. Western Blot: Approx 28 kDa band observed in Human Peripheral Blood Mononucleocytes (lymphocytes) lysates (calculated MW of 27.6 kDa according to NP_570138.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

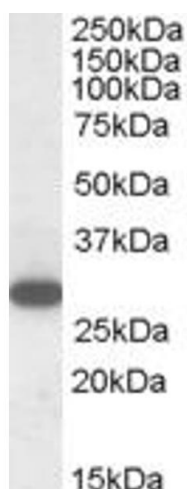
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



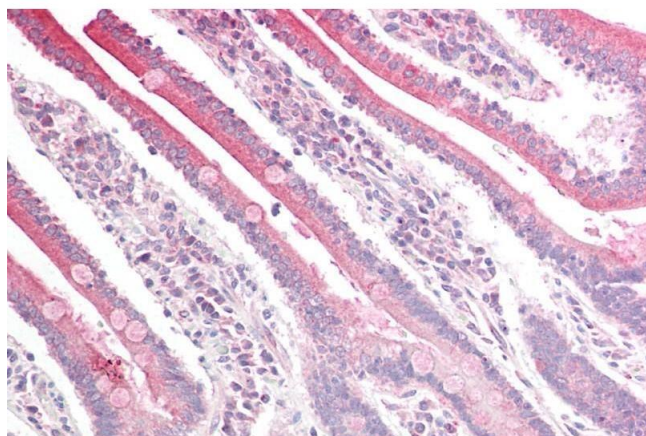
Immunohistochemistry

Image 1. ABIN185237 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185237 (1µg/ml) staining of Human Peripheral Blood Mononucleocytes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185237 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.