

Datasheet for ABIN784001
anti-RGS17 antibody (AA 148-160)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	RGS17
Binding Specificity:	AA 148-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 148 and 160 of Human RGS17.
Isotype:	IgG
Specificity:	Recognizes RGS17. Cellular Localization: Membrane, Lipid-anchor, Nucleus, Cytoplasm.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Antigen-Affinity Chromatography.

Target Details

Target:	RGS17
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Target Details

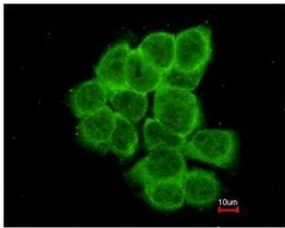
Alternative Name:	RGS17 (RGS17 Products)
Background:	<p>This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Synonyms: RGS-17, RGSZ2, Regulator of G-protein signaling 17</p>
Gene ID:	26575, 9606
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

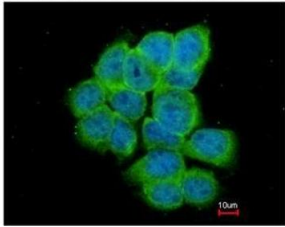
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	1xPBS, 1 % BSA, 20 % Glycerol (pH 7) containing 0.01 % Thimerosal as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.



Costained with Hoechst 33342



Immunofluorescence

Image 1. Immunofluorescence analysis of paraformaldehyde-fixed A431 using AP31130PU-N RGS17 antibody at 1/200 dilution.

Western Blotting

Image 2. AP31130PU-N RGS17 antibody staining of HepG2 (Lane A) whole cell lysate (30 µg) at 1/1000 dilution, 12% SDS PAGE.

