

Datasheet for ABIN2778238  
**anti-RGS17 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	RGS17
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS17 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RGS17
Sequence:	NRNLLDPNPH MYEDAQLQIY TLMHRDSFPR FLNSQIYKSF VESTAGSSSE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RGS17. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	RGS17
Alternative Name:	RGS17 ( <a href="#">RGS17 Products</a> )

## Target Details

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.</p> <p>Alias Symbols: RGS-17, RGSZ2, hRGS17</p> <p>Protein Interaction Partner: LCE3C, LCE2A, LCE4A, TBC1D16, DHX37, NUFIP2, PTGER3, OTX1, RPL10A, SMCP, HOXA1, GNAI3, GNAI1, AQP1, ADRB2, RABEP1, RBBP8, UBC, OSTM1,</p> <p>Protein Size: 210</p>
Molecular Weight:	23 kDa
Gene ID:	26575
NCBI Accession:	<a href="#">NM_012419</a> , <a href="#">NP_036551</a>
UniProt:	<a href="#">Q9UGC6</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

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

## Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat freeze-thaw cycles.

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

