

Datasheet for ABIN2856312  
**anti-RGS19 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | RGS19                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This RGS19 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human RGS19. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Characteristics:  | Rabbit polyclonal antibody to RGS19 (regulator of G-protein signaling 19)<br>RGS19 antibody [C2C3], C-term   |
| Purification:     | Purified by antigen-affinity chromatography.   |

## Target Details

|         |       |
|---------|-------|
| Target: | RGS19 |
|---------|-------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | regulator of G protein signaling 19 ( <a href="#">RGS19 Products</a> )  |
| Background:       | <p>G proteins mediate a number of cellular processes. The protein encoded by this gene 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. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.</p> <p>Cellular Localization: Membrane, Lipid-anchor</p> |
| Molecular Weight: | 25 kDa  |
| Gene ID:          | 10287   |
| UniProt:          | <a href="#">P49795</a>  |
| Pathways:         | <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>  |

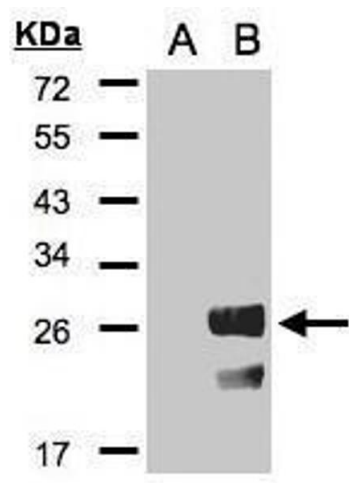
## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.<br>Not tested in other applications. |
| Comment:           | Positive Control: RGS19 transfected 293T  |
| Restrictions:      | For Research Use only   |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 mg/mL   |
| Buffer:            | 1XPBS ( pH 7), 10 % Glycerol, 0.01 % Thimerosal   |
| Preservative:      | Thimerosal (Merthiolate)  |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:           | 4 °C, -20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid |

multiple freeze-thaw cycles.



**Western Blotting**

**Image 1.** WB Image Western Blot analysis of RGS19 expression in transfected 293T cell line by RGS19 polyclonal antibody. A: Non-transfected lysate. B: RGS19 transfected lysate. 12% SDS PAGE antibody diluted at 1:500