

Datasheet for ABIN2460852  
**anti-RGS13 antibody**



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1 Image

## Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 100 µL                               |
| Target:      | RGS13                                |
| Reactivity:  | Human, Dog                           |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This RGS13 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA         |

## Product Details

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human RGS13. |
| Purification: | Antibody is purified by peptide affinity chromatography method.                                        |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RGS13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | RGS13 ( <a href="#">RGS13 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background:       | The protein encoded by RGS13 is a member of the regulator of G protein signaling (RGS) family. RGS family members share similarity with <i>S. cerevisiae</i> SST2 and <i>C. elegans</i> egl-10 proteins, which contain a characteristic conserved RGS domain. RGS proteins accelerate GTPase activity of G protein alpha-subunits, thereby driving G protein into their inactive GDP-bound form, thus negatively regulating G protein signaling. RGS proteins have been implicated in the fine tuning |

## Target Details

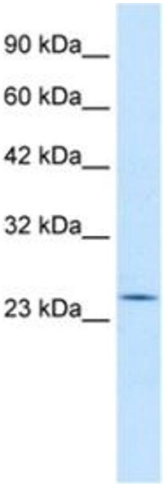
|                   |                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | of a variety of cellular events in response to G protein-coupled receptor activation. The biological function of this gene, however, is unknown. |
| Molecular Weight: | 17 kDa, 19 kDa                                                                                                                                   |
| Gene ID:          | 6003                                                                                                                                             |
| NCBI Accession:   | <a href="#">NP_658912</a>                                                                                                                        |
| UniProt:          | <a href="#">O14921</a>                                                                                                                           |
| Pathways:         | <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>                                                                       |

## Application Details

|                    |                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | RGS13 antibody can be used for detection of RGS13 by ELISA at 1:62500. RGS13 antibody can be used for detection of RGS13 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                              |

## Handling

|                  |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                       |
| Reconstitution:  | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.                                            |
| Concentration:   | 1 mg/mL                                                                                                           |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.                                                           |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.                                                             |
| Storage:         | 4 °C/-20 °C                                                                                                       |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store RGS13 antibody at -20 °C. |



**Western Blotting**

**Image 1.**