

Datasheet for ABIN2462639 anti-RGS2 antibody

Image



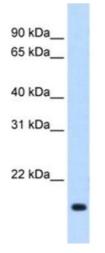
Overview

1

| Overview | |
|-------------------|--|
| Quantity: | 100 μL |
| Target: | RGS2 |
| Reactivity: | Human, Rat, Mouse, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RGS2 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB) |
| Product Details | |
| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of mouse Rgs2. |
| Purification: | Antibody is purified by protein A chromatography method. |
| Target Details | |
| Target: | RGS2 |
| Alternative Name: | Rgs2 (RGS2 Products) |
| Background: | Rgs2 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. It may play a role in leukemogenesis. |
| Molecular Weight: | 23 kDa |
| Gene ID: | 19735 |

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| Target Details | |
|---------------------------|--|
| NCBI Accession: | NP_033087 |
| UniProt: | 008849 |
| Pathways: | Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Brown Fat Cell Differentiation |
| Application Details | |
| Application Notes: | Rgs2 antibody can be used for detection of Rgs2 by ELISA at 1:312500. Rgs2 antibody can be used for detection of Rgs2 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions: Handling | For Research Use only |
| Format: | Lyophilized |
| Reconstitution: | Add 100 ?L 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 Rgs2 antibody at -20 °C. |



Western Blotting

Image 1.

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