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Datasheet for ABIN7439918 anti-RGS4 antibody (AA 38-205)

2 Images



Overview

| Quantity: | 100 µL |
|----------------------|---|
| Target: | RGS4 |
| Binding Specificity: | AA 38-205 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RGS4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

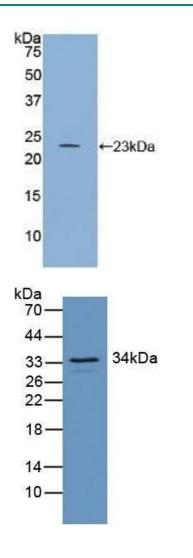
| Purpose: | Polyclonal Antibody to Regulator Of G Protein Signaling 4 (RGS4) |
|-------------------|--|
| Immunogen: | Recombinant Regulator Of G Protein Signaling 4 (RGS4) corresdonding to Ser38~Ala205 with N-terminal His Tag |
| Isotype: | lgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against RGS4. It has been selected for its ability to recognize RGS4 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

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| Target Details | |
|---------------------|---|
| Target: | RGS4 |
| Alternative Name: | Regulator Of G Protein Signaling 4 (RGS4 Products) |
| Background: | RGP4, SCZD9, Schizophrenia Disorder 9 |
| Pathways: | Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling |
| Application Details | |
| Application Notes: | Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of Recombinant RGS4, Human using Polyclonal Antibody to Regulator Of G Protein Signaling 4 (RGS4)

Western Blotting

Image 2. Detection of RGS4 in Mouse Brain Tissue using Polyclonal Antibody to Regulator Of G Protein Signaling 4 (RGS4)

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