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Datasheet for ABIN713246  
**anti-RGS19 antibody (pSer22)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | RGS19   |
| Binding Specificity: | pSer22  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This RGS19 antibody is un-conjugated  |
| Application:         | ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from human RGS19 around the phosphorylation site of Ser22 [PP(p-S)M] |
| Isotype:              | IgG  |
| Predicted Reactivity: | Human,Mouse,Rat  |
| Purification:         | Purified by Protein A.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | RGS19                                    |
| Alternative Name: | RGS19 ( <a href="#">RGS19 Products</a> ) |

## Target Details

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**Background:** Synonyms: RGS19phospho S22, RGS19phospho Ser22, G alpha interacting protein, GAIP, GNAI3IP, Guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein, Regulator of G protein signalling 19, RGSGAIP, RGS19\_HUMAN, Regulator of G-protein signaling 19, RGS19, G-alpha-interacting protein.

Background: 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.

**Gene ID:** 10287

**Pathways:** [Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months