

## **RGS4** antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # Al10176

## **Specification**

## **RGS4** antibody - C-terminal region - Product Information

Application WB
Primary Accession P49798

Other Accession NM 005613, NP 005604

Reactivity Human, Mouse, Rat, Sheep, Horse, Bovine,

Dog

Predicted Human, Mouse, Rat, Pig, Sheep, Bovine,

Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 23kDa KDa

# **RGS4** antibody - C-terminal region - Additional Information

**Gene ID 5999** 

Alias Symbol MGC2124, MGC60244, RGP4, SCZD9

**Other Names** 

Regulator of G-protein signaling 4, RGP4, RGS4, RGS4

#### Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

## **Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-RGS4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

### **Precautions**

RGS4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

# **RGS4** antibody - C-terminal region - Protein Information

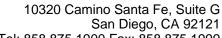
### Name RGS4

#### **Function**

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(z)-alpha is inhibited by phosphorylation of the G-protein. Activity on G(z)-alpha and G(i)- alpha-1 is inhibited by palmitoylation of the G-protein.

### **Tissue Location**

Expressed in brain and heart. Expressed in brain at protein level. Expressed in prefontal and visual





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cortex. Isoform 4 and isoform 5 are expressed ubiquitously. Isoform 1, isoform 2 and isoform 3 are not expressed in the cerebellum.

# **RGS4** antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

