

RGS4 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10176**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 prefrontal and visual

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

