



Catalog: OM105165

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Rabbit anti-RGS4 polyclonal antibody - C-terminal region

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☐ 100ug

Product profile

Product name	Rabbit anti-RGS4 polyclonal antibody - C-terminal region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-RGS4 antibody: synthetic peptide directed towards the C terminal of human RGS4

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Bovine Dog Human Mouse Pig Rabbit Rat Sheep
Concentration	1 mg/ml
Purification	Affinity purified

Target Information

Gene Symbol	RGS4
Gene Synonyms	MGC2124; MGC60244; RGP4; SCZD9
Gene Full Name	Regulator of G-protein signaling 4
Gene Summary	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein negatively regulates signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm. Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating protein

s (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. Regulator of G protein signaling 4 protein is 37% identical to RGS1 and 97% identical to rat Rgs4. This protein negatively regulate signaling upstream or at the level of the heterotrimeric G protein and is localized in the cytoplasm.

Alternative Names MGC2124, MGC60244, RGP4, SCZD9

Molecular Weight(MW) 23kDa

Sequence 205 amino acids

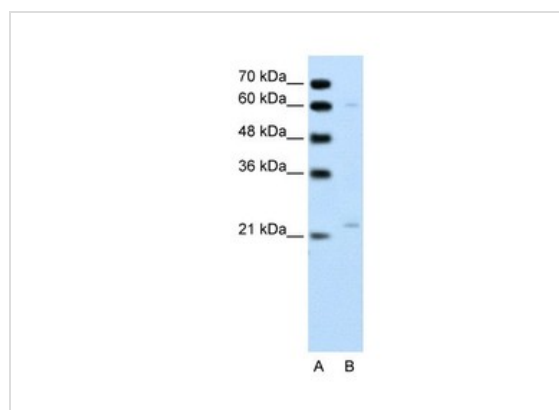
Database Links

Entrez Gene 5999

SwissProt ID P49798

Protein Accession NP_005604

Application



Western blot

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

Application Notes WB:1:500~1:2000

Notes:Optimal dilutions/concentrations should be determined by the researcher.

Additional Information

Form Liquid

Storage Instructions Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles

Storage Buffer phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Note The product is for research use only,not for use in diagnostic or therapeutic procedures.

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