

	<h1>RGS4 Polyclonal Antibody</h1>	E 9 1 6 4 2 3
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Swiss-Prot No.:	P49798
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	A synthetic peptide of human RGS4 (NP_005604.1).
Purification:	Affinity purification
Reactivity:	Mouse,Rat
Other Names:	—
Background:	<p>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. 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. Alternatively spliced transcript variants have been found for this gene.</p>
Gene ID:	5999
Source:	Rabbit

For Research Use Only

Antibody type:	Polyclonal Antibodies
Isotype:	IgG
Molecular Weight:	10kDa/21kDa/23kDa/33kDa
Recommended Dilutions:	WB 1:500 - 1:2000