

	<h1>RGS4 Polyclonal Antibody</h1>	E 9 1 7 8 7
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<b>Swiss-Prot No.:</b>	P49798
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.   Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Immunogen:</b>	Recombinant protein of human RGS4 (NP_005604.1).
<b>Purification:</b>	Affinity purification
<b>Reactivity:</b>	Human
<b>Other Names:</b>	—
<b>Background:</b>	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.
<b>Gene ID:</b>	5999
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal Antibodies

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<b>Isotype:</b>	IgG
<b>Molecular Weight:</b>	10kDa/21kDa/23kDa/33kDa
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000