## **RGS4 Rabbit Polyclonal Antibody**

## CAB16423



Product Information	Protein Background
<b>Size:</b> 20uL, 50uL, 100uL, 200uL	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
30kDa	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
Calculated MW:	level of the heterotrimeric G protein and is localized in the cytoplasm. Alternatively spliced
10kDa/21kDa/23kDa/33kDa	transcript variants have been found for this gene.
Applications:	Immunogen information
WB	<b>Gene ID:</b> 5999
Reactivity:	
Mouse, Rat	Uniprot P49798
Antibody Information	Synonyms: RGS4· RGP4· SC7D9
Recommended dilutions: WB 1:500 - 1:2000	
Source:	Immunogen:
Rabbit	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RGS4 (NP_005604.1).
lsotype:	
lgG	Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using RGS4 antibody (CAB16423) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.