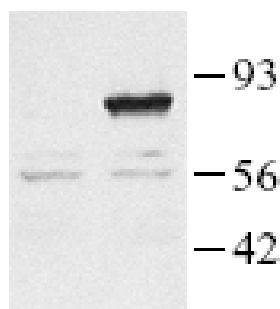


Rabbit Anti-human RGS3 Polyclonal Antibody

Catalog No.	CPR100	Quantity:	200 µg
Description:	This polyclonal antibody, which reacts with the RGS3 protein, was generated using <i>E. Coli</i> expressed human RGS3 (a.a. 401-519; corresponding to the C-terminal 119 residues) as an immunogen. RGS3 (regulator of G protein signaling 3) is a 519-residue protein that is widely expressed. The protein contains an RGS domain near the carboxy terminus that serve as a GTPase-activating protein (GAP). RGS3 negatively regulates the activation of G _{iα} and G _{αq} . A truncated RGS3 (RGS3T), with its N-terminal 313 residues removed, has been shown to negatively regulate acenylyl cyclase and PLC. RGS3T may be localized in the nucleus and RGS3 is found in cytoplasm. Translocation to membrane is important for the RGS proteins to interact with heterotrimeric G proteins.		
Formulation:	Protein A purified rabbit IgG, 200 µg, with 0.1% sodium azide, lyophilized.		
Cross-Reactivity:	Cross-reacts with RGS3T, a N-terminal truncated form of RGS3.		
Reconstitution:	Reconstitute to 1 mg/ml by adding 200 ml PBS.		
Applications:	The tested titer for Western blot is 1:5,000. The Ab can also be used for immunoprecipitation.		
Storage & Stability:	4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw cycles.		
References:	Search PubMed (MEDLINE) for references to this product.		

Please note: always centrifuge vials before opening.

RGS3 detected by Western blot in transfected HEK293 cells (right lane)



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

