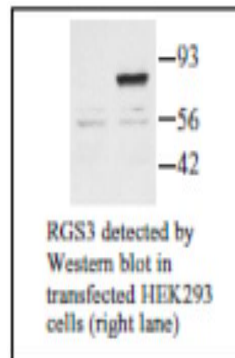


RGS3

Rabbit Anti-human RGS3 pAb

Catalog No.	CPR100	Quantity:	200 µg
Alternate Names:	Regulator of G-protein signaling 3, RGP3		
Description:	Regulator of G-protein signaling 3, RGS3, 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 α i and G α q. A truncated RGS3 (RGS3T), with its N-terminal 313 residues removed, has been shown to negatively regulate acenyl 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.		
UniProt ID:	P49796		
Specificity:	Human RGS3, also cross reacts with the N-terminal truncated form of RGS3		
Immunogen:	E. coli-expressed human RGS3 (a.a. 401-519, corresponding to the C-terminal 119 residues)		
Isotype:	Rabbit IgG		
Formulation:	Lyophilized with 0.1% sodium azide. PPE is recommended when working with products containing sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl PBS.		
Applications:	Western blot: suggested dilution 1:5,000 Immunoprecipitation The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term. It is recommended to prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		



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



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