

RGS7 Polyclonal Antibody

Cat No: HR1AP8153

For research use only

Overview

Product Name	RGS7 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	65kDa
GeneID?Human?	RGS7
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	RGS7; Regulator of G-protein signaling 7; RGS7
Background	<p>function:Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(o)-alpha is specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis. May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations.,PTM:Palmitoylated.,PTM:Phosphorylation and subsequent interaction with 14-3-3 proteins inhibits GAP activity.,similarity:Contains 1 DEP domain.,similarity:Contains 1 G protein gamma domain.,similarity:Contains 1 RGS domain.,subunit:Heterodimer with GNG5. Interacts with RGS7BP, leading to regulate the subcellular location of the heterodimer formed with Gbeta5 (By similarity). Interacts with 14-3-3 protein Tau and SNAP25BP.,</p>