ELK Biotechnology

RHG44 rabbit pAb

Cat No.:ES10167

For research use only

Overview

Product Name	RHG44 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 430-510
Specificity	RHG44 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Rho GTPase-activating protein 44 (NPC-A-10) (Rho-type GTPase-activating protein RICH2) (RhoGAP interacting with CIP4 homologs protein 2) (RICH-2)
Gene Name	ARHGAP44 KIAA0672 RICH2
Cellular localization	Cell projection, dendritic spine . Recycling endosome . Cell junction, synapse, presynapse . Cell projection, dendrite . In CA1 hippocampal synapses, detected at both presynaptic and postsynaptic sites (By similarity). Located in convoluted dendritic plasma membrane sections enriched in polymerized actin and myosin (patches) along dendrites where often emerge filopodia (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	89kD
Human Gene ID	9912
Human Swiss-Prot Number	Q17R89

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Alternative Names

Background

function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activitor in vitro for CDC42 and RAC1.,sequence caution:Translation N-terminally extended.,similarity:Contains 1 BAR domain.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Highly expressed in brain. Expressed at weak level in other tissues.,