



RHG44 Polyclonal Antibody

Catalog No	YP-Ab-06092
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ARHGAP44 KIAA0672 RICH2
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, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA0672;NPC-A-10;Rho GTPase Activating Protein 44;Rho GTPase-activating protein 44;Rho GTPase-Activating Protein RICH2;RHG44;ARHGAP44 KIAA0672 RICH2;Rho GTPase-activating protein 44 (NPC-A-10) (Rho-type GTPase-activating protein RICH2) (RhoGAP interacting with CIP4 homologs protein 2) (RICH-2)
Observed Band	80-100 kDa
Calculated Molecular Weight	818aa, 89 kDa
Cell Pathway	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). .
Tissue Specificity	Highly expressed in brain. Expressed at weak level in other tissues.
Function	function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Acts as a GTPase activator 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.,

**Background**

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images