

RHG44 Rabbit pAb

CatalogNo: YN1221

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 89kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 430-510

Specificity RHG44 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ARHGAP44 KIAA0672 RICH2

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)		
	Organism	Gene ID	UniProt ID
	Human	9912;	Q17R89;
	Mouse		Q5SSM3;
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). .		
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.,		

| Validation Data

| Contact information

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