RHG04 Polyclonal Antibody

Catalog No	YP-Ab-06089
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ARHGAP4 KIAA0131 RGC1 RHOGAP4
Protein Name	Rho GTPase-activating protein 4 (Rho-GAP hematopoietic protein C1) (Rho-type GTPase-activating protein 4) (p115)
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	RHG04 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	
Observed Band	104kD
Cell Pathway	Cytoplasm. Just below the plasma membrane.
Tissue Specificity	Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.
Function	function:Inhibitory effect on stress fiber organization. May down-regulate Rho-like GTPase in hematopoietic cells.,similarity:Contains 1 FCH domain.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3 domain.,subcellular location:Just below the plasma membrane.,tissue specificity:Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.,
Background	This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],

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