



RHG06 Polyclonal Antibody

Catalog No	YP-Ab-06091
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ARHGAP6 RHOGAP6
Immunogen	Synthesized peptide derived from human protein . at AA range: 480-560
Specificity	RHG06 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	RHG06;ARHGAP6 RHOGAP6;Rho GTPase-activating protein 6 (Rho-type GTPase-activating protein 6) (Rho-type GTPase-activating protein RhoGAPX-1)
Observed Band	107kD
Calculated Molecular Weight	107kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Highly expressed in kidney, heart and skeletal muscle followed by retina, lymphoblast, placenta, lung, brain, pancreas and liver.
Function	function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Could regulate the interactions of signaling molecules with the actin cytoskeleton. Promotes continuous elongation of cytoplasmic processes during cell motility and simultaneous retraction of the cell body changing the cell morphology.,miscellaneous:ARHGAP6 gene undergoes X inactivation.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Highly expressed in kidney, heart and skeletal muscle followed by retina, lymphoblast, placenta, lung, brain, pancreas and liver.,

**Background**

This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

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