

RHG05 Polyclonal Antibody

Catalog No :	YN1219
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	RHG05
Fields :	>>Focal adhesion;>>Leukocyte transendothelial migration
Gene Name :	ARHGAP5 RHOGAP5
Protein Name :	Rho GTPase-activating protein 5 (Rho-type GTPase-activating protein 5) (p190-B)
Human Gene Id :	394
Human Swiss Prot No :	Q13017
Mouse Swiss Prot No :	P97393
Immunogen :	Synthesized peptide derived from human protein . at AA range: 280-360
Specificity :	RHG05 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	165kD
Cell Pathway :	Focal adhesion;Leukocyte transendothelial migration;
Background :	Rho GTPase activating protein 5 negatively regulates RHO GTPases, a family which may mediate cytoskeleton changes by stimulating the hydrolysis of bound GTP. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
Function :	function:GTPase-activating protein for Rho family members. May play a role in the reduction of the p21rasGTPase-activating potential of p120GAP.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 4 FF domains.,subcellular location:Also membrane-associated when found in fibrillar patterns that colocalize with the alpha5-beta1 integrin receptor (ITGA5/ITGB1) for fibronectin.,tissue specificity:Expressed in kidney, brain, liver and lung.,
Subcellular Location :	Cytoplasm . Cell membrane ; Peripheral membrane protein . Also membrane-associated in a fibrillar pattern that colocalizes with the alpha5-beta1 integrin receptor (ITGA5/ITGB1) for fibronectin. .
Expression :	Detected in skin fibroblasts (at protein level) (PubMed:8537347).

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