

## RHG05 Polyclonal Antibody

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

**Observed Band :** 165kD

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**Cell Pathway :** Focal adhesion;Leukocyte transendothelial migration;

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**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],

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**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.,

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**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. .

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**Expression :** Detected in skin fibroblasts (at protein level) (PubMed:8537347).

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## Products Images