



# RHG05 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-06090
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ARHGAP5 RHOGAP5
<b>Protein Name</b>	Rho GTPase-activating protein 5 (Rho-type GTPase-activating protein 5) (p190-B)
<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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	165kD
<b>Cell Pathway</b>	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. .
<b>Tissue Specificity</b>	Detected in skin fibroblasts (at protein level) (PubMed:8537347).
<b>Function</b>	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.,
<b>Background</b>	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],
<b>matters needing attention</b>	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**