



ARHGAP9 Polyclonal Antibody

Catalog No	YP-Ab-16137
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ARHGAP9
Immunogen	The antiserum was produced against synthesized peptide derived from human RHG9. AA range:220-269
Specificity	ARHGAP9 Polyclonal Antibody detects endogenous levels of ARHGAP9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Rho-type GTPase-activating protein 9;Rho GTPase-activating protein 9;RGL1; 10C;ARHGAP9
Observed Band	90kD
Calculated Molecular Weight	90kD
Cell Pathway	cytosol,
Tissue Specificity	Predominantly expressed in peripheral blood leukocytes, spleen, and thymus.
Function	function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. Has a substantial GAP activity toward CDC42 and RAC1 and less toward RHOA. Has a role in regulating adhesion of hematopoietic cells to the extracellular matrix.,similarity:Contains 1 PH domain., similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3 domain., similarity:Contains 1 WW domain.,tissue specificity:Predominantly expressed in peripheral blood leukocytes, spleen, and thymus.,
Background	This gene encodes a member of the Rho-GAP family of GTPase activating proteins. The protein has substantial GAP activity towards several Rho-family GTPases in vitro, converting them to an inactive GDP-bound state. It is



implicated in regulating adhesion of hematopoietic cells to the extracellular matrix. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

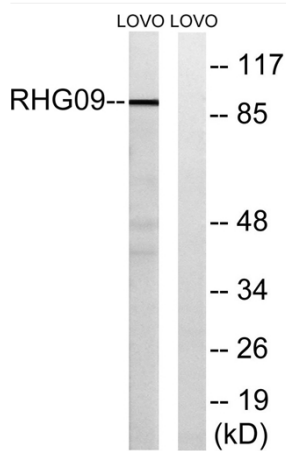
matters needing attention

Avoid repeated freezing and thawing!

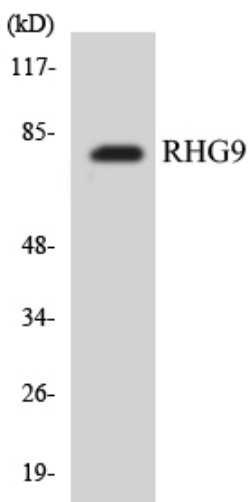
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

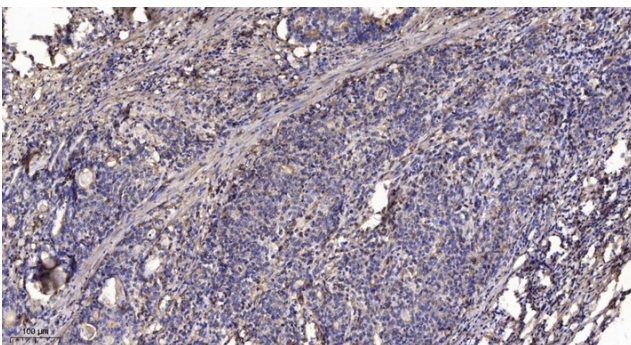
Products Images



Western blot analysis of lysates from LOVO cells, using RHG9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using RHG9 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).