



ARHGAP9 Polyclonal Antibody

Catalog No	BYab-31753
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	ARHGAP9
Protein Name	Rho GTPase-activating protein 9
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	ARHGAP9; Rho GTPase-activating protein 9; Rho-type GTPase-activating protein 9
Observed Band	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

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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.

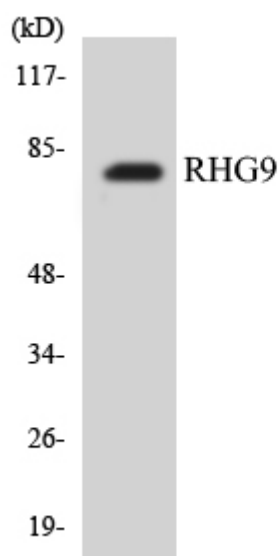
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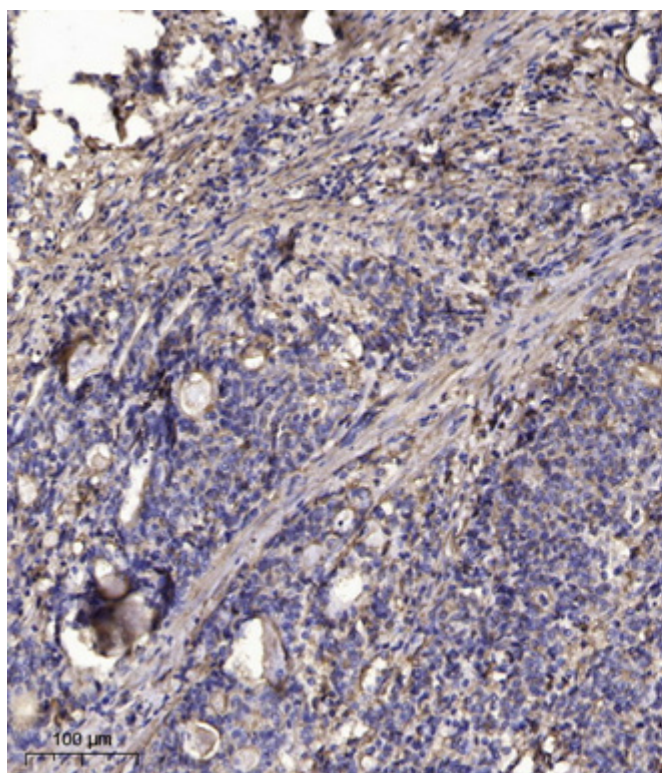
LC

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

RHG09--



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).