



# ARHGAP1 Polyclonal Antibody

<b>Catalog No</b>	BYab-16130
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	ARHGAP1
<b>Protein Name</b>	Rho GTPase-activating protein 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RHG1. AA range:189-238
<b>Specificity</b>	ARHGAP1 Polyclonal Antibody detects endogenous levels of ARHGAP1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	ARHGAP1; CDC42GAP; RHOGAP1; Rho GTPase-activating protein 1; CDC42 GTPase-activating protein; GTPase-activating protein rhoOGAP; Rho-related small GTPase protein activator; Rho-type GTPase-activating protein 1; p50-RhoGAP
<b>Observed Band</b>	50kD
<b>Cell Pathway</b>	Cytoplasm.
<b>Tissue Specificity</b>	Ubiquitous.
<b>Function</b>	function:GTPase activator for the Rho, Rac and Cdc42 proteins, converting them to the putatively inactive GDP-bound state. Cdc42 seems to be the preferred substrate.,similarity:Contains 1 CRAL-TRIO domain.,similarity:Contains 1 Rho-GAP domain.,subunit:Found in a complex with XPO7, EIF4A1, ARHGAP1, VPS26A, VPS29, VPS35 and SFN. Interacts with BNIPL.,tissue specificity:Ubiquitous.,

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**Background**

This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein contains a SRC homology 3 domain and interacts with Bcl-2-associated protein family members. [provided by RefSeq, Aug 2012],

**matters needing attention**

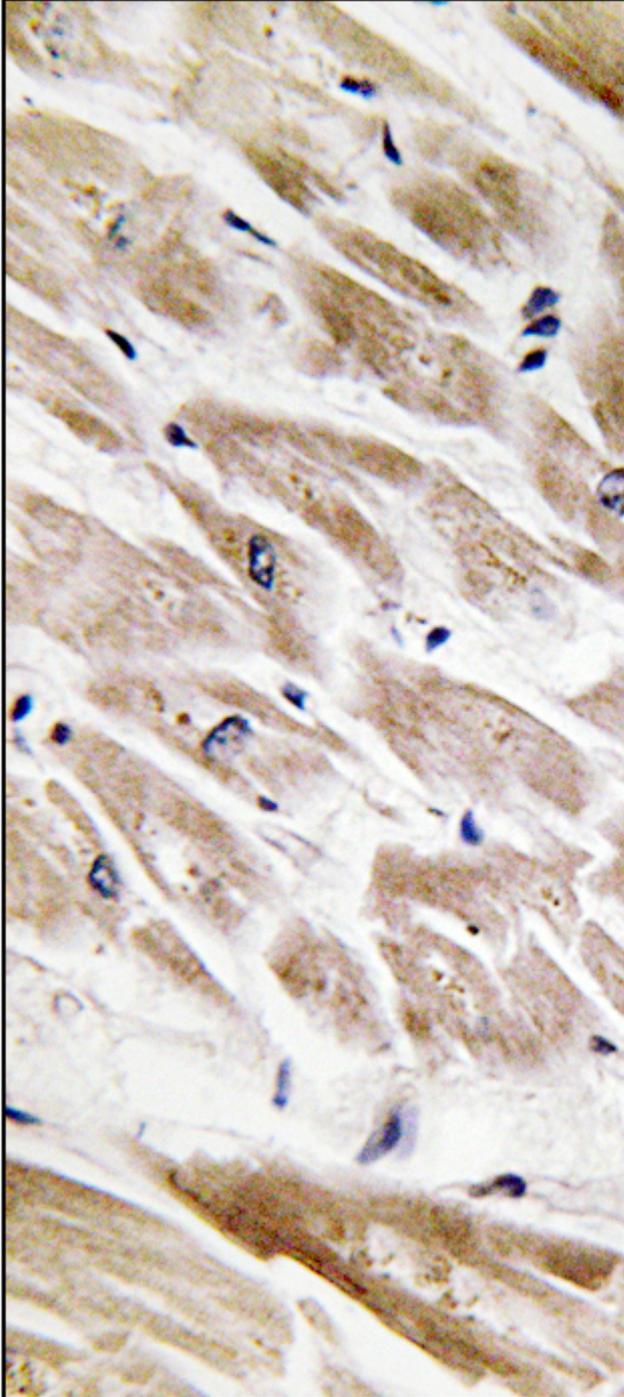
Avoid repeated freezing and thawing!

**Usage suggestions**

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



## Products Images



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using RHG1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Hu

Western blot analysis of lysates from HeLa and HUVEC cells, using RHG1 Antibody. The lane on the right is blocked with the synthesized peptide.

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