



# Rho H Polyclonal Antibody

<b>Catalog No</b>	BYab-16244
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	RhoH
<b>Protein Name</b>	Rho-related GTP-binding protein RhoH
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RhoH. AA range:141-190
<b>Specificity</b>	Rho H Polyclonal Antibody detects endogenous levels of Rho H 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>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	RHOH; ARHH; TTF; Rho-related GTP-binding protein RhoH; GTP-binding protein TTF; Translocation three four protein
<b>Observed Band</b>	21kD
<b>Cell Pathway</b>	Cytoplasm . Cell membrane ; Lipid-anchor ; Cytoplasmic side . Colocalizes together with ZAP70 in the immunological synapse. .
<b>Tissue Specificity</b>	Expressed only in hematopoietic cells. Present at very high levels in the thymus, less abundant in the spleen, and least abundant in the bone marrow. Expressed at a higher level in the TH1 subtype of T-helper cells than in the TH2 subpopulation. Expressed in neutrophils under inflammatory conditions, such as cystic fibrosis, ulcerative colitis and appendicitis.
<b>Function</b>	disease:A chromosomal aberration involving RHOH is found in a non-Hodgkin lymphoma cell line. Translocation t(3;4)(q27;p11) with BCL6.,similarity:Belongs to the small GTPase superfamily. Rho family.,tissue specificity:Transcribed only in hemopoietic cells.,

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**Background**

The protein encoded by this gene is a member of the Ras superfamily of guanosine triphosphate (GTP)-metabolizing enzymes. The encoded protein is expressed in hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal translocations in non-Hodgkin's lymphoma occur between this locus and B-cell CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5' untranslated region results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2013],

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**matters needing attention**

Avoid repeated freezing and thawing!

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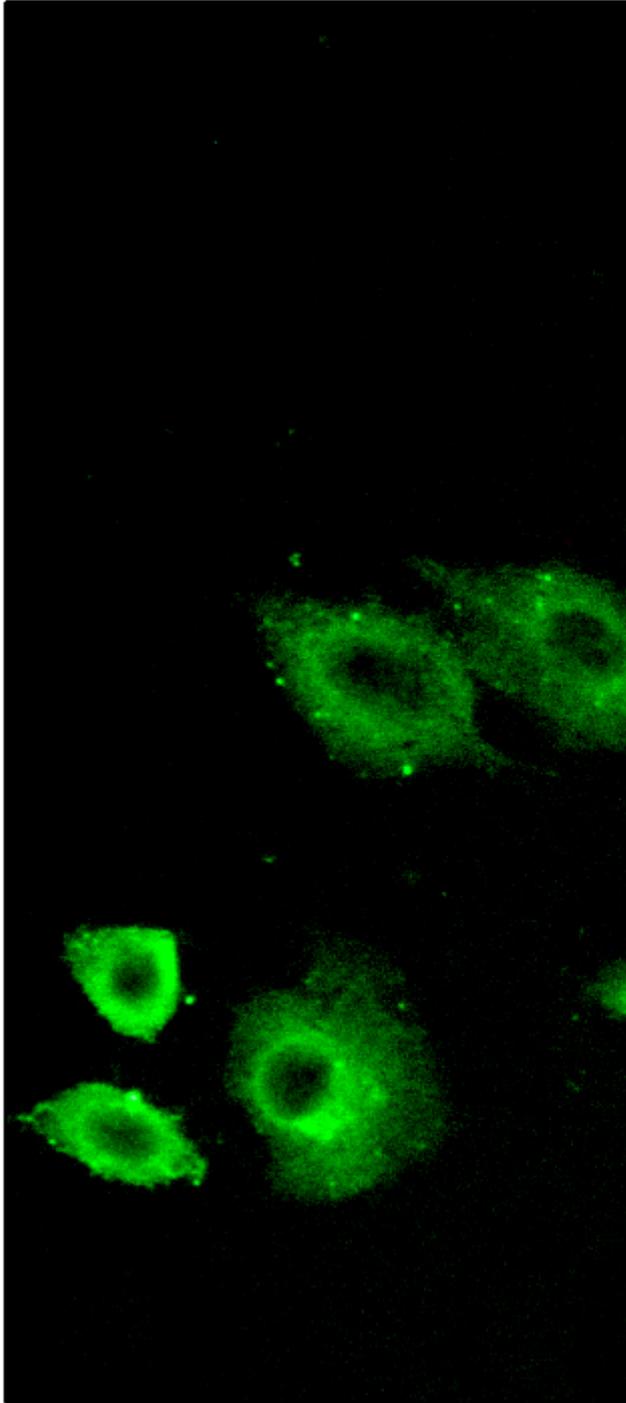
**Usage suggestions**

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

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## Products Images



Immunofluorescence analysis of A549 cells, using RhoH Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 cells, using RhoH Antibody. The lane on the right is blocked with the synthesized peptide.

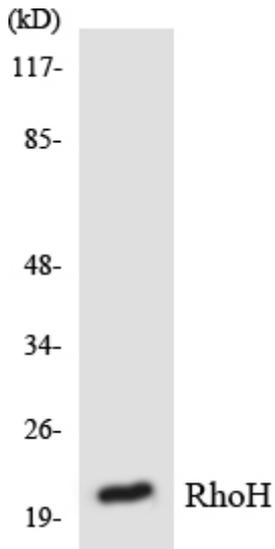


RhoH --

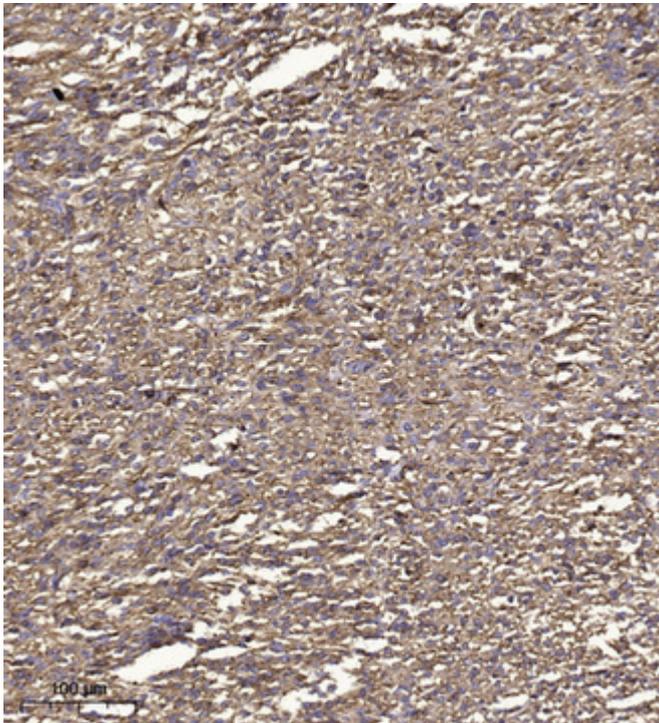
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Western blot analysis of the lysates from RAW264.7 cells using RhoH antibody.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98° C, 20min). 3, Secondary antibody was diluted at 1:200