



Rho H Polyclonal Antibody

Catalog No	BYab-16244
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	RhoH
Protein Name	Rho-related GTP-binding protein RhoH
Immunogen	The antiserum was produced against synthesized peptide derived from human RhoH. AA range:141-190
Specificity	Rho H Polyclonal Antibody detects endogenous levels of Rho H 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	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.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RHOH; ARHH; TTF; Rho-related GTP-binding protein RhoH; GTP-binding protein TTF; Translocation three four protein
Observed Band	21kD
Cell Pathway	Cytoplasm . Cell membrane ; Lipid-anchor ; Cytoplasmic side . Colocalizes together with ZAP70 in the immunological synapse. .
Tissue Specificity	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.
Function	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.,

Nanjing BYabs science technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658

**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],

matters needing attention

Avoid repeated freezing and thawing!

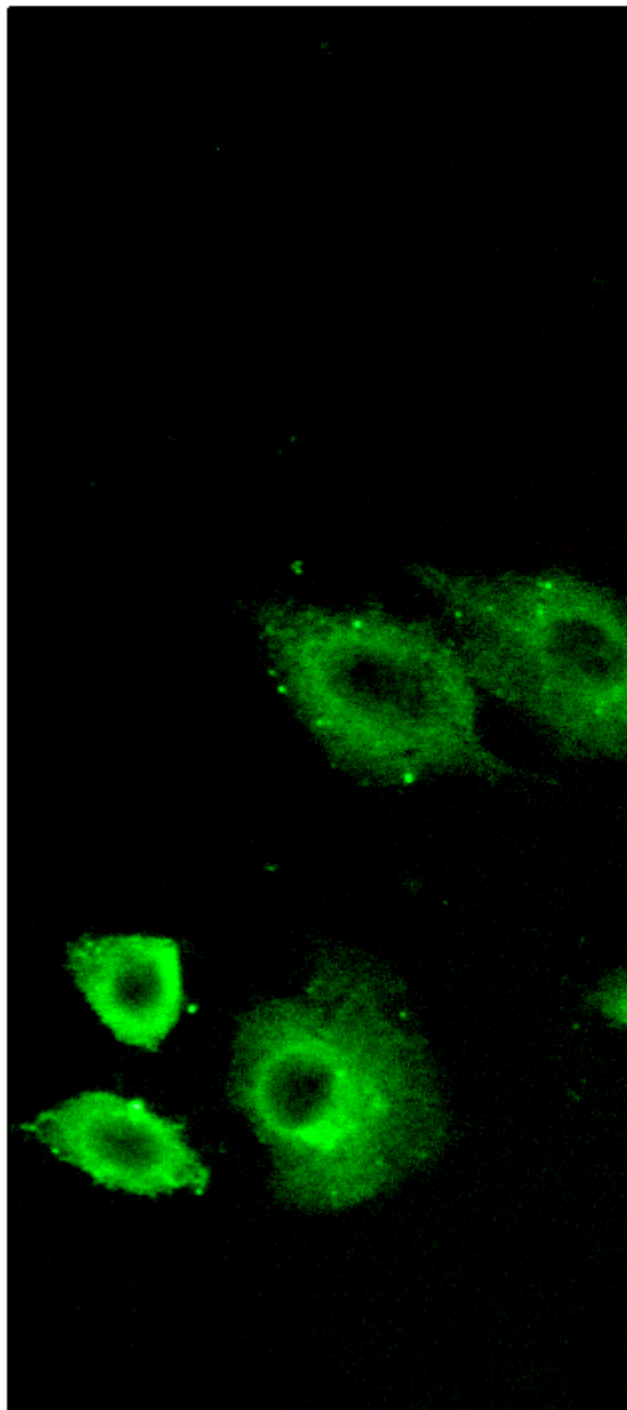
Usage suggestions

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

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Products Images



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

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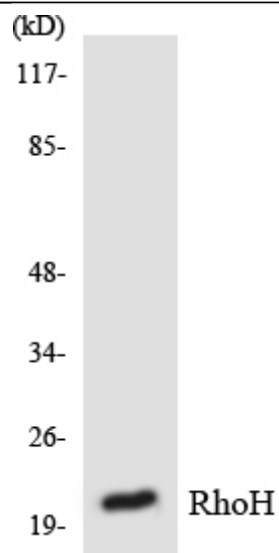
Western blot analysis of lysates from HT-29 cells, using RhoH Antibody. The lane on the right is blocked with the synthesized peptide.

RhoH --

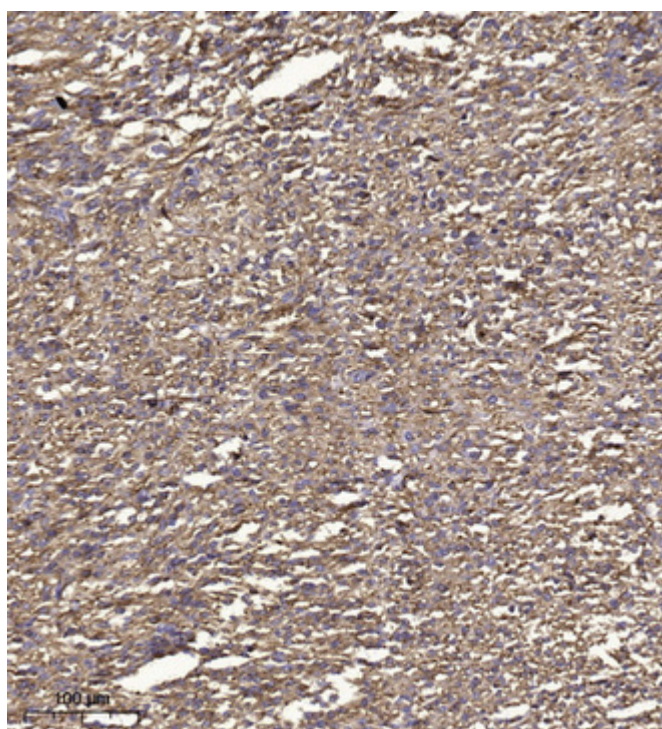
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Western blot analysis of the lysates from RAW264.7 cells using RhoH antibody.



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, 20 min). 3, Secondary antibody was diluted at 1:200