

Rho H Polyclonal Antibody

Catalog No: YT4083

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Rho H

Fields: >>Leukocyte transendothelial migration;>>Salmonella infection

Gene Name: RhoH

Protein Name: Rho-related GTP-binding protein RhoH

Human Gene Id: 399

Human Swiss Prot

No:

Mouse Gene Id: 74734

Mouse Swiss Prot

No:

Immunogen:

Q9D3G9

Q15669

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

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not

yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/4



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 21kD

Cell Pathway: Leukocyte transendothelial migration;

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],

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.,

Subcellular Cytoplasm . Cell membrane ; Lipid-anchor ; Cytoplasmic side . Colocalizes

Location: together with ZAP70 in the immunological synapse. .

Expression: 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.

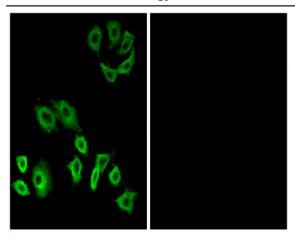
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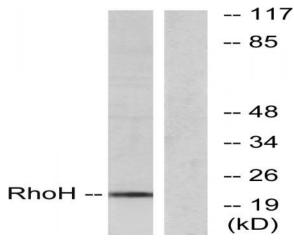
Host: Rabbit

Modifications: Unmodified

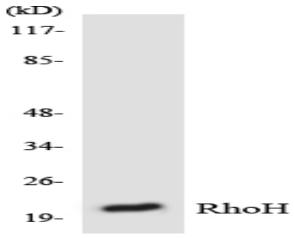
Products Images



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.



Western blot analysis of the lysates from RAW264.7cells 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