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Datasheet for ABIN1387504
anti-RHOB antibody (AA 101-196)

Overview

Quantity:	100 µL
Target:	RHOB
Binding Specificity:	AA 101-196
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOB antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rho B
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RHOB
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Target Details

Alternative Name: Rho B ([RHOB Products](#))

Background: Synonyms: Rh -related GTP binding protein RhoB, Rh -related GTP binding protein RhoC, RHOH6, Transforming protein RhoA, AA017882 antibody Aplysia ras related homolog 9 RhoC, ARH9, ARHA, ARHB, ARHC, H6, MST081, MSTP08, Oncogene RHO H9, rhoC GTPase, Ras homolog 9 RhoC, Ras homolog gene family, member A, Ras homolog gene family, member B, Ras homolog gene family, member C, Rho related GTP binding protein RhoC, RHO12, RHOB, RHOC, RHOH9, RP11-426L16.4, Small GTP binding protein RhoC, H9, Rho related GTP binding protein RhoB, ARH12, ARH6, H12.RHOB_HUMAN

Background: The Rho proteins interact directly with protein kinases which are likely to serve as downstream effector targets of the activated GTPase. The Rho family of GTPases are involved in the regulation of the actin skeleton. Activation of Rho to the GTP bound state promotes formation of stress fibers and is required for the formation and maintenance of focal adhesions. Pathways stimulated by cytokines, hormones and various forms of stress utilize p21 proteins of the Rho family. Possible mediators for these responses include protein kinase such as p120PKN, and p150 ROKa/Rho-A kinase, myosin light chain (MLC) phosphatase and PIP 5-kinase.

Gene ID: 388

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months