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Datasheet for ABIN1389519

## anti-RHOB antibody (AA 101-196) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	RHOB
Binding Specificity:	AA 101-196
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOB antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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
Alternative Name:	Rho B ( <a href="#">RHOB Products</a> )

## Target Details

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**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.

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**Gene ID:** 388

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months