



Datasheet for ABIN713096  
**anti-ROCK2 antibody (pTyr256)**



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1 Publication

Overview

Quantity:	100 µL
Target:	ROCK2
Binding Specificity:	pTyr256
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROCK2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human ROCK2 around the phosphorylation site of Tyr256
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	ROCK2
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## Target Details

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Alternative Name:	ROCK2 ( <a href="#">ROCK2 Products</a> )
Background:	<p>Synonyms: ROCK2phospho Y256, p164 ROCK 2, Rho associated coiled coil containing protein kinase 2, Rho associated protein kinase 2, Rho kinase 2, ROCK 2, Rock II, Rock2m, ROK alpha, ROKalpha, ROCK2_HUMAN.</p> <p>Background: The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho.</p>
Gene ID:	9475
Pathways:	<a href="#">Microtubule Dynamics</a> , <a href="#">WNT Signaling</a> , <a href="#">Tube Formation</a>

## Application Details

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Application Notes:	<p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
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

## Publications

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Product cited in: Achiron, Feldman, Karmona, Avizemer, Barequet, Rosner, Knyazer, Bartov, Burgansky, Vishnevskia-Dai: "Prophylactic exposure of human corneal endothelial cells to Rho-associated kinase inhibitor reduced apoptosis rate after phacoemulsification: Ex vivo study." in: **Journal of cataract and refractive surgery**, Vol. 44, Issue 10, pp. 1261-1266, (2019) ([PubMed](#)).