

## Datasheet for ABIN7645530 **anti-ROCK1 antibody**

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### Overview

Quantity:	100 µL
Target:	ROCK1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROCK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to Rho Associated Coiled Coil Containing Protein Kinase 1 (Rock1)
Immunogen:	RPE705Mu01Recombinant Rho Associated Coiled Coil Containing Protein Kinase 1 (Rock1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Rock1. It has been selected for its ability to recognize Rock1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

Target:	ROCK1
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## Target Details

Alternative Name:	Rock1 ( <a href="#">ROCK1 Products</a> )
Background:	P160ROCK, Rho-associated protein kinase 1, Renal carcinoma antigen NY-REN-35
UniProt:	<a href="#">P70335</a>
Pathways:	<a href="#">Microtubule Dynamics</a> , <a href="#">WNT Signaling</a> , <a href="#">M Phase</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.37 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.