

Datasheet for ABIN2788813
anti-ROCK2 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	ROCK2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROCK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	KNAEYQRKAD HEADKQRNLE NDVNSLKDQL EDLKKRNQNS QISTEKVNQL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 79%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ROCK2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ROCK2
Alternative Name:	ROCK2 (ROCK2 Products)
Background:	The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis,

Target Details

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.

Alias Symbols: KIAA0619, ROCK-II

Protein Interaction Partner: UBC, FAM21A, RABGEF1, GPHN, KIAA0196, MTA2, ZW10, NHP2L1, LMNA, MAGEC1, ELAVL1, PPP1R12A, STAU1, RHOA, IKBKE, STK16, MBP,

Protein Size: 1388

Molecular Weight: 153 kDa

Gene ID: 9475

NCBI Accession: [NM_004850](#), [NP_004841](#)

UniProt: [O75116](#)

Pathways: [Microtubule Dynamics](#), [WNT Signaling](#), [Tube Formation](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1388 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

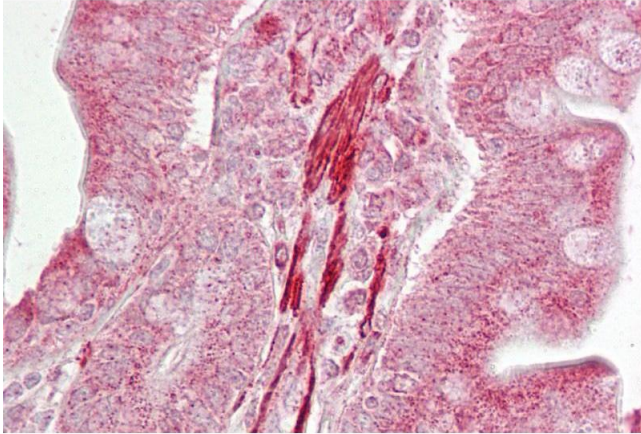
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry with Small intestine tissue at an antibody concentration of 5 μ g/ml using anti-ROCK2 antibody (ARP61467_P050)