

For Research Use Only

ROCK2(middle) Recombinant monoclonal antibody

Catalog Number: 86649-4-RR



Basic Information

Catalog Number:

86649-4-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16330

GenBank Accession Number:

BC111801

GeneID (NCBI):

9475

UNIPROT ID:

O75116

Full Name:

Rho-associated, coiled-coil containing protein kinase 2

Calculated MW:

77 kDa, 161 kDa

Observed MW:

161 kDa

Purification Method:

Protein A purification

CloneNo.:

251651F9

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: MCF-7 cells, L02 cells, HT-1080 cells, mouse brain tissue, rat brain tissue, mouse lung tissue

Background Information

ROCK2 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. It is an isozyme of ROCK1, is a target for the small GTPase Rho. ROCK2 is localized in both cytoplasm and nucleus, and the nucleus-localized ROCK2 can target p300 for phosphorylation to regulate its acetyltransferase activity (PMID:16574662). This antibody is specific to ROCK2.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

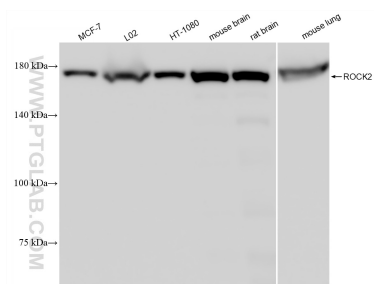
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86649-4-RR (ROCK2(middle) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.