

ROCK1 polyclonal antibody

Catalog: BZ16583

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

ROCK1 Protein kinase which is a key regulator of actin cytoskeleton and cell polarity. Involved in regulation of smooth muscle contraction, actin cytoskeleton organization, stress fiber and focal adhesion formation, neurite retraction, cell adhesion and motility via phosphorylation of DAPK3, GFAP, LIMK1, LIMK2, MYL9/MLC2, PFN1 and PPP1R12A. Phosphorylates FHOD1 and acts synergistically with it to promote SRC-dependent non-apoptotic plasma membrane blebbing.

Product:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

Calculated MW: 158 kDa; Observed MW: 158 kDa

Swiss-Prot:

Q13464

Purification&Purity:

Affinity Purified

Applications:

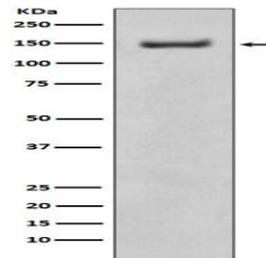
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
IP: 1/20 FC: 1/50-1/100

Storage&Stability:

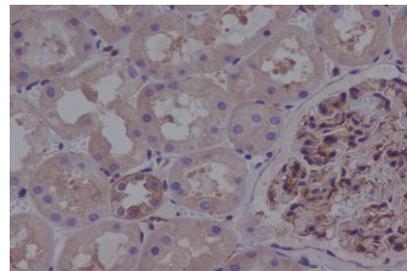
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

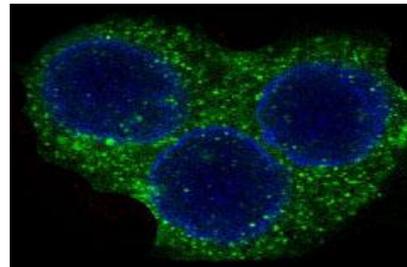
IgG

DATA:

Western blot analysis of ROCK1 in Ramos lysates using ROCK1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human kidney using ROCK1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of ROCK1 in HeLa using ROCK1 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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