

ROCK1 Recombinant Rabbit mAb

Catalog: BS49605

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a protein serine/threonine kinase that is activated when bound to the GTP-bound form of Rho. The small GTPase Rho regulates formation of focal adhesions and stress fibers of fibroblasts, as well as adhesion and aggregation of platelets and lymphocytes by shuttling between the inactive GDP-bound form and the active GTP-bound form. Rho is also essential in cytokinesis and plays a role in transcriptional activation by serum response factor. This protein, a downstream effector of Rho, phosphorylates and activates LIM kinase, which in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. A pseudogene, related to this gene, is also located on chromosome 18. [provided by RefSeq, Aug 2015]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

158 kDa

Swiss-Prot:

Q13464

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000-1:5000 IHC: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:200-1:500 IP: 1:50

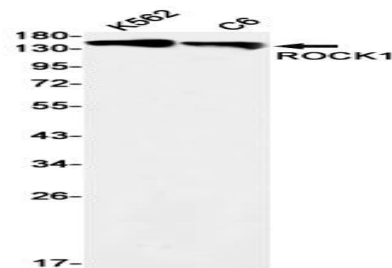
Storage&Stability:

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

Isotype:

IgG

DATA:



Western blot detection of ROCK1 in K562, C6 cell lysates using ROCK1 antibody (1:1000 diluted).

Note:

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

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