
RhoA Recombinant Rabbit mAb

Catalog Number: bsm-54572R

Target Protein: RhoA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: WB (1:1000-2000), ICC/IF (1:50-200)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 21 kDa

Entrez Gene: 387

Swiss Prot: P61586

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.9] Lu Tianming, et al. Cordyceps sinensis relieves non-small cell lung cancer by inhibiting the MAPK pathway. CHIN MED-UK. 2024 Dec;19(1):1-14 WB ; Mouse . 38528546