

## RHOQ polyclonal antibody

Catalog: BS60235

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

tc10 is a small GTP-binding protein that is induced during nerve injury, where it cooperates with other Rho family members to facilitate nerve regeneration and, in particular, neurite elongation. tc10 is located predominantly in the plasma membrane, a property that depends both on its post-translational prenylation and on its ability to bind and hydrolyze GTP. tc10 colocalizes to actin filaments and interacts with the actin-binding and filament-forming protein, profilin. tc10 functions to regulate cellular signaling to the actin cytoskeleton and processes associated with cell growth. tc10 also interacts with a similar subset of effectors for Cdc42 and is regulated differentially by p50Rho GTPase-activating protein. Activated tc10 interacts with a variety of putative Rho family effectors, stimulates JNK, and induces filopodial formation.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 20 kDa

### Swiss-Prot:

P17081

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

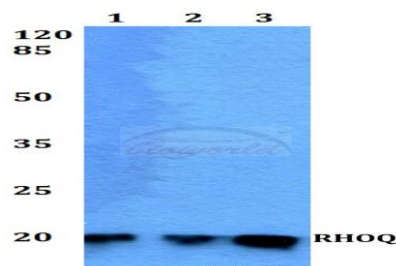
### Storage&Stability:

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

### Specificity:

RHOQ polyclonal antibody detects endogenous levels of RHOQ protein.

### DATA:



Western blot (WB) analysis of RHOQ polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: H9C2 whole cell lysate

### Note:

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

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