

## RASIP1 polyclonal antibody

Catalog: BS60744

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

RAIN, also known as RASIP1 (Ras-interacting protein 1), is a 963 amino acid protein that contains one dilute domain and one Ras-associating domain. The RAIN protein is highly expressed in heart and detected at lower levels in placenta and pancreas. RAIN interacts with H-Ras, Rap 1A, Rap 2, R-Ras, Raf-1 and TC 21, as well as with Ras family members that have been activated by GTP binding. RAIN interacts with Ras in a GTP-dependent manner in vitro and in vivo, requiring an intact Ras core effector-binding domain for this interaction, and thus fits the definition of a Ras effector. Unlike other Ras effectors, RAIN localizes to the perinuclear, juxta-Golgi vesicles in intact cells and is recruited to the Golgi by activated Ras. Containing twelve exons, the RAIN gene is conserved in dog, cow, mouse, rat, chicken and zebrafish, and maps to human chromosome 19q13.33.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 103 kDa

### Swiss-Prot:

Q5U651

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

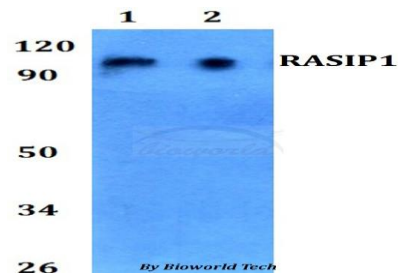
### Storage&Stability:

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

### Specificity:

RASIP1 polyclonal antibody detects endogenous levels of RASIP1 protein.

### DATA:



Western blot (WB) analysis of RASIP1 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:H9C2 whole cell lysate

### Note:

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

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