

RASA4 polyclonal antibody

Catalog: BS60215

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

RASA4 (ras GTPase-activating protein 4) is an 803 amino acid member of the GAP1 family of GTPase-activating proteins that suppresses the Ras/mitogenactivated protein kinase pathway in response to Ca²⁺. Stimuli that increase intracellular Ca²⁺ levels result in the translocation of the RASA4 protein to the plasma membrane, where it activates Ras GTPase activity. Consequently, Ras is converted from the active GTP-bound state to the inactive GDP-bound state and no longer activates downstream pathways that regulate gene expression, cell growth and differentiation. Containing 21 exons and spanning 35 kb of genomic DNA, RASA4 includes one Btk-type zinc finger, two C2 domains, one PH domain and one Ras-GAP domain.

Product:

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

Molecular Weight:

~ 85, 90 kDa

Swiss-Prot:

O43374

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

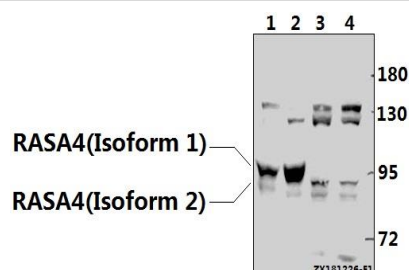
Storage&Stability:

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

Specificity:

RASA4 polyclonal antibody detects endogenous levels of RASA4 protein.

DATA:



Western blot (WB) analysis of RASA4 (F157) pAb at 1:500 dilution

Lane1:3T3-L1 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Note:

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

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