

**ARHGEF15 polyclonal antibody**

Catalog: BS33050

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Rho guanine nucleotide exchange factor 15: Guanine nucleotide exchange factor (GEF) that activates RhoA, playing a role in the regulation of actin cytoskeleton organization. Is involved in the regulation of vascular smooth muscle contractility. Additionally, it negatively regulates excitatory synapse development by suppressing the synapse-promoting activity of EPHB2 (By similarity). Does not activate RAC1 or CDC42

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~91.9 kDa

Swiss-Prot:

O94989

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of ARHGEF15 protein

DATA:

Western blot analysis of SOCS6 expression in A549 (A) whole cell lysates.

Immunohistochemical analysis of SOCS6 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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