



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ARHGEF4 polyclonal antibody

Catalog: BS33051

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Rho guanine nucleotide exchange factor 4: Acts as a guanine nucleotide exchange factor (GEF) for RHOA, RAC1 and CDC42 GTPases. Binding of APC may activate RAC1 GEF activity. The APC-ARHGEF4 complex seems to be involved in cell migration as well as in E-cadherin-mediated cell-cell adhesion. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Involved in tumor angiogenesis and may play a role in intestinal adenoma formation and tumor progression

Product:

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

Molecular Weight:

~79.1 kDa

Swiss-Prot:

Q9NR80

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 ARHGEF4 protein

DATA:

Western blot analysis of Ornithine Decarboxylase expression in HeLa (A), THP1 (B), mouse kidney (C), mouse skeletal muscle (D) whole cell lysates.

Note:

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

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