

**RAB43 polyclonal antibody**

Catalog: BS33042

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ras-related protein Rab-43: The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Involved in retrograde transport from the endocytic pathway to the Golgi apparatus. Required for the structural integrity of the Golgi complex. Also controls the anterograde ER-to-Golgi transport of nascent G protein-coupled receptors (including ADRA2A, ADRA2B, ADRA2C, ADRA1B, ADRB2 and AGTR1) and regulates the ER sorting of GPCR members by virtue of its ability to interact directly. Involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Plays a role in the ma...

Product:

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

Molecular Weight:

~23.3 kDa

Swiss-Prot:

Q86YS6

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 RAB43 protein

DATA:

Western blot analysis of CD4 expression in U937 (A) whole cell lysates.

Immunofluorescent analysis of CD4 staining in PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber.

Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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