

RAB24 polyclonal antibody

Catalog: BS61461

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab superfamilies exhibit 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles. Rab 24 differs from other Rab family members because it has low intrinsic GTPase activity and is not efficiently prenylated. Rab 24 is thought to be involved in the autophagic pathway.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 23 kDa

Swiss-Prot:

Q969Q5

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

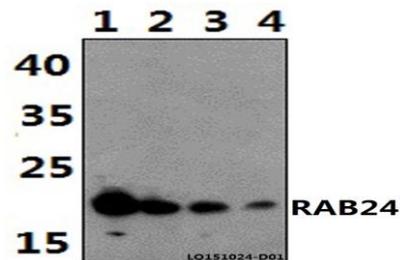
Storage&Stability:

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

Specificity:

RAB24 polyclonal antibody detects endogenous levels of RAB24 protein.

DATA:



Western blot (WB) analysis of RAB24 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:RAW264.7 whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)

Note:

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

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