

RAB5A Rabbit monoclonal antibody

Catalog: BS9926M

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 subfamilies, 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. At least eight members of the Rab subfamily have been identified, each of which is found at a particular stage of a membrane transport pathway.

Product:

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

Molecular Weight:

~ 24 kDa

Swiss-Prot:

P20339

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000

IHC: 1:50-1:200

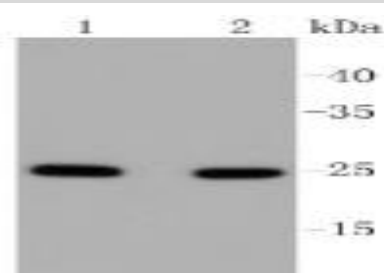
Storage&Stability:

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

Specificity:

This antibody detects endogenous levels of RAB5A and does not cross-react with related proteins.

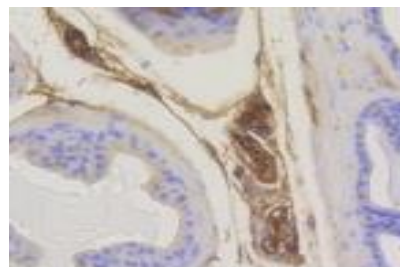
DATA:



Western blot (WB) analysis of RAB5A Rabbit mAb at 1:1000 dilution

Lane1: HeLa whole cell lysate

Lane2: MCF7 whole cell lysate



Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-RAB5A antibody. Counter stained with hematoxylin.

Note:

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

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