
Anti Rab1A

Cat #: HM1410
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The transport of proteins from the endoplasmic reticulum to Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that involves Rab protein. Rab are low-molecular-weight GTP-binding proteins. There are over 40 rab proteins in mammals that form the largest branch of the Ras superfamily of GTPases. Located on the cytoplasmic face of organelles and vesicles, rab proteins are involved in intracellular vesicle docking and membrane fusion.

SPECIFICITY

This antibody specifically reacts with Rab 1A of mouse, rat and human origin by Western blotting and immunohistochemistry (including paraffin-embedded sections).

IMMUNOGEN

A peptide at the carboxy terminal domain of human Rab 1A.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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6. Pfeffer, S.R., Dirac-Svejstrup A.B., Soldati, T. 1995. Rab GDP dissociation inhibitor: putting rab GTPases in the right place. *J. Biol. Chem.* 270: 17057-17059
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