Rab4A Rabbit mAb

Catalog No: #48632

Package Size: #48632-1 50ul #48632-2 100ul

Orders: order@signalwayantibody.com
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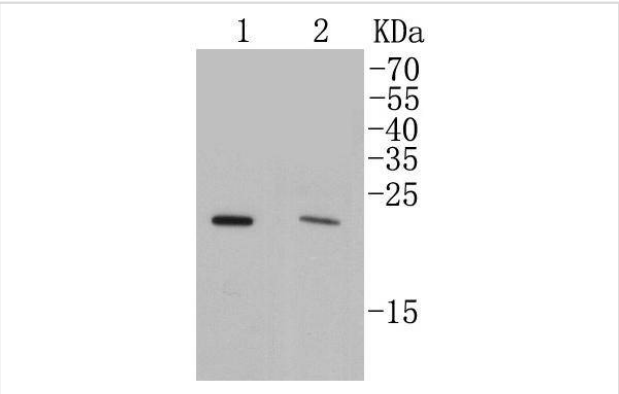
Description

Product Name	Rab4A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SR27-08
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	HRES 1 / RAB4 antibody Oncogene RAB4 antibody Rab 4 antibody RAB 4A antibody RAB4 member RAS oncogene family antibody Rab4a antibody RAB4A member RAS oncogene family antibody RAB4A_HUMAN antibody Ras related protein Rab 4A antibody Ras related protein Rab4A antibody Ras-related protein Rab-4A antibody
Accession No.	Swiss-Prot#:P20338
Uniprot	P20338
GeneID	5867;
Calculated MW	24 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

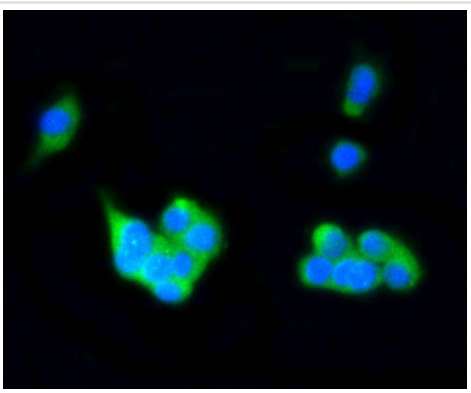
Application Details

WB: 1:500-1:1000ICC: 1:50-1:200

Images



Western blot analysis of Rab4A on different cell lysates using anti-Rab4A antibody at 1/500 dilution. Positive control: Lane 1: MCF-7 Lane 2: 293T



ICC staining Rab4A in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab superfamilies, exhibits 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 possiblity 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 family have been identified, each of which is found at a particular stage of a membrane transport pathway.

References

Note: This product is for in vitro research use only