

Rab5 Rabbit mAb

Catalog No: #48866



Package Size: #48866-1 50ul #48866-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
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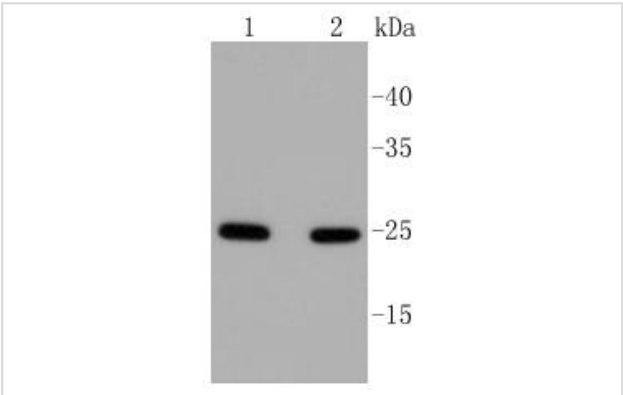
Description

Product Name	Rab5 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST47-04
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	RAB 5 antibody RAB 5A antibody RAB5A antibody RAB5A member RAS oncogene family antibody RAB5A_HUMAN antibody RAS associated protein RAB5A antibody Ras related protein Rab 5A antibody Ras-related protein Rab-5A antibody
Accession No.	Swiss-Prot#:P20339
Uniprot	P20339
GeneID	5868;
Calculated MW	24 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

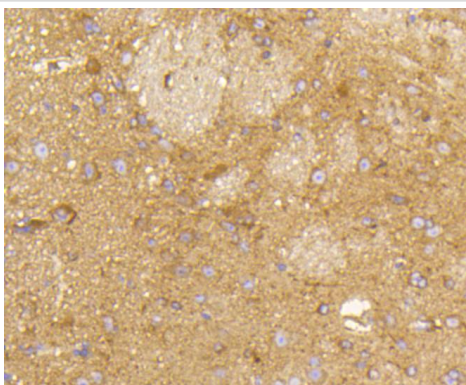
Application Details

WB: 1:1,000IHC:1:50-1:200

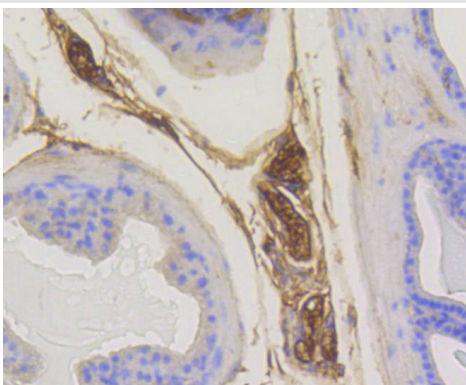
Images



Western blot analysis of Rab5 on different lysates using anti-Rab5 antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: MCF-7



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Rab5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-Rab5 antibody. Counter stained with hematoxylin.

## 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.

## References

Note: This product is for in vitro research use only