

Anti-RAB5A Antibody (6H506)

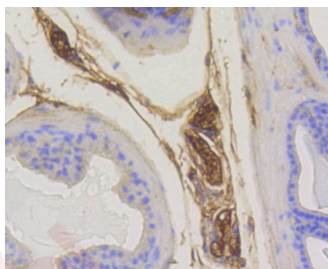
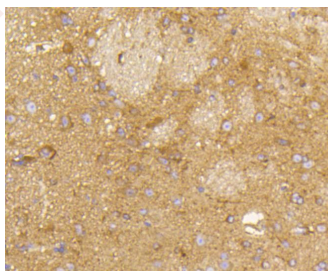
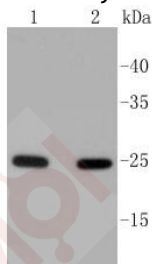
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 24 kDa.
Clone:	6H506
Purification:	ProA affinity purified

Applications

Verified Activity:

1. 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.
2. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Rab5 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-Rab5 antibody. Counter stained with hematoxylin.



Application:	IHC,WB
Recommended	WB: 1:1000; IHC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P20339

Synonyms: RAB5A;RAB5;Ras-related protein Rab-5A

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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