

RAB5C Polyclonal Antibody

Catalog NumberPA5-36606

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Mouse
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200
Immunogen	Synthetic peptide corresponding to amino acids 130-180 of human Rab 5C	Western Blot (WB)	1:500-1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.2, with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Purity is >95% by SDS-PAGE.

Background/Target Information

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.

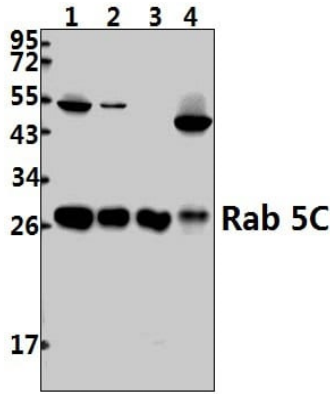
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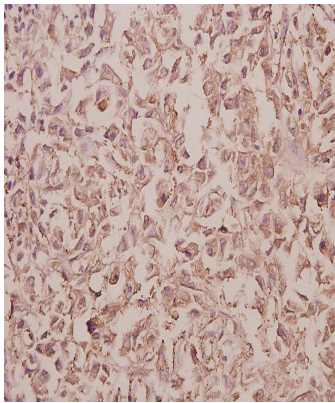
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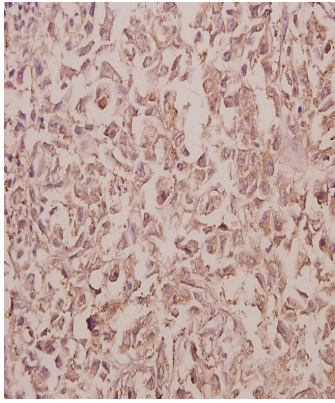
Product Images For RAB5C Polyclonal Antibody



RAB5C Antibody (PA5-36606) in WB
Western blot analysis of RAB5C in Lane 1: A375 whole cell lysate (40 µg), Lane 2: HeLa whole cell lysate (30 µg), Lane 3: the Lung tissue lysate of rat (40 µg), Lane 4: the Lung tissue lysate of mouse (40 µg). Samples were incubated with RAB5C polyclonal antibody (Product # PA5-36606) at a dilution of 1:1,000.



RAB5C Antibody (PA5-36606) in IHC (P)
Immunohistochemistry analysis of RAB5C in paraffin-embedded human colorectal carcinoma tissue. Samples were incubated with RAB5C polyclonal antibody (Product # PA5-36606) at a dilution of 1:50.



RAB5C Antibody (PA5-36606) in IHC (P)
Immunohistochemical analysis of Rab 5C in paraffin-embedded human colorectal carcinoma using Rab 5C polyclonal antibody (Product # PA5-36606) at a dilution of 1:50.

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