

A13540

Leader in Biomolecular Solutions for Life Science



# RAB4A Rabbit pAb

Catalog No.: A13540

## Basic Information

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### Observed MW

### Calculated MW

24kDa

### Category

Polyclonal Antibody

### Applications

IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene.

## Recommended Dilutions

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IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

## Immunogen Information

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<b>Gene ID</b>	<b>Swiss Prot</b>
5867	P20338

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human RAB4A (NP\_004569.2).

### Synonyms

RAB4; HRES1; HRES-1; HRES-1/RAB4; RAB4A

## Contact

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 [www.abclonal.com](http://www.abclonal.com)

## Product Information

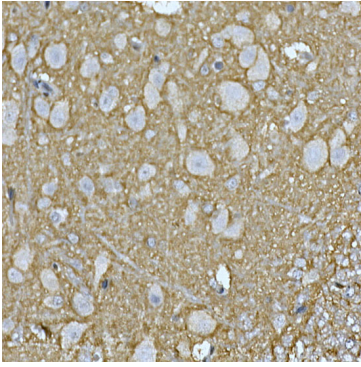
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<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

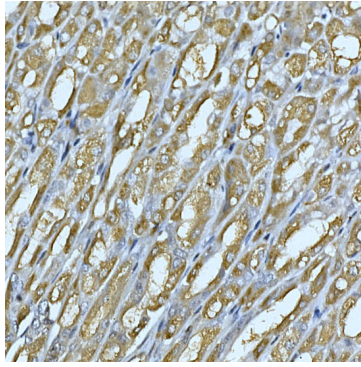
### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

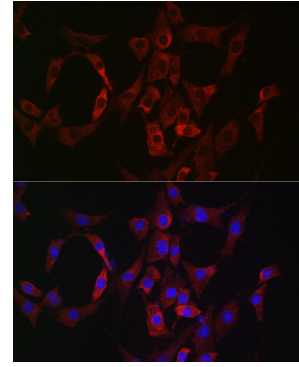
## Validation Data



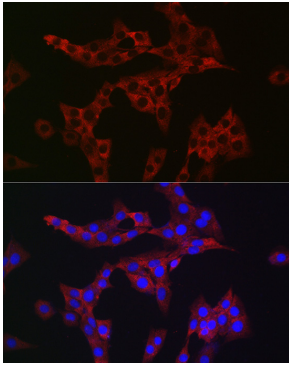
Immunohistochemistry analysis of paraffin-embedded mouse spinal cord using RAB4A Rabbit pAb (A13540) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



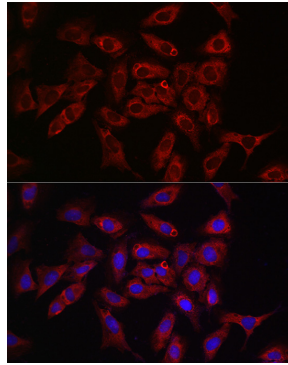
Immunohistochemistry analysis of paraffin-embedded mouse stomach using RAB4A Rabbit pAb (A13540) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using RAB4A Rabbit pAb (A13540) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using RAB4A Rabbit pAb (A13540) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using RAB4A Rabbit pAb (A13540) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.