

## Rabbit RAB4A Monoclonal Antibody | anti-RAB4A antibody

RAB4A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                               |
|-----------|--------|-------------------|----------------------------------------------------------------------------|
| AAA312149 | Rabbit | Human, Mouse, Rat | Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot |

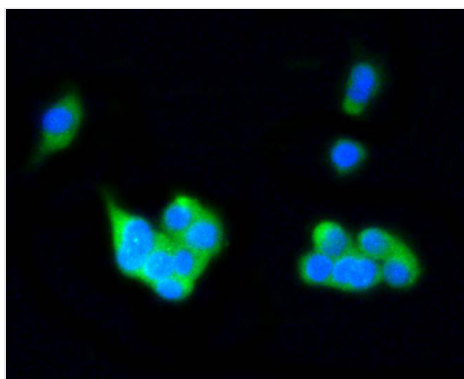
### PRODUCT SYNONYMS

RAB4A; Monoclonal Antibody; RAB4A Antibody; 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; anti-RAB4A antibody

### PRODUCT SPECIFICATIONS

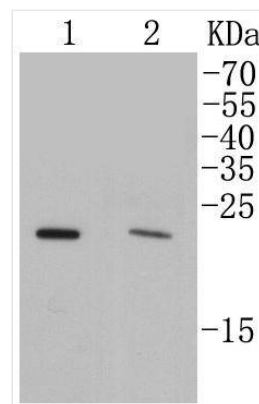
|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                          |
| Reactivity                                      | Human, Mouse, Rat                                                                               |
| Clonality                                       | Monoclonal                                                                                      |
| Clone Number                                    | SR27-08                                                                                         |
| Purity/Purification                             | ProA affinity purified                                                                          |
| Form/Format                                     | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.                          |
| Applicable Applications for anti-RAB4A antibody | IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot) |
| Antibody Type                                   | Recombinant Antibody                                                                            |
| Immunogen                                       | Recombinant protein                                                                             |
| Conjugation                                     | Unconjugated                                                                                    |
| Preparation and Storage                         | Store at -20 degree C.                                                                          |

### IMAGES



#### ICC (Immunocytochemistry)

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.



#### WB (Western Blot)

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

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAB4A antibody | 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 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 family have been identified, each of which is found at a particular stage of a membrane transport pathway. |
| Product Categories/Family for anti-RAB4A antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 433660831                                                      |
| NCBI GeneID                      | 5867                                                           |
| NCBI Accession #                 | NP_001258927.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001271998.1                                                 |
| UniProt Accession #              | P20338; Q5T7P7; Q9BQ44                                         |
| Molecular Weight                 | 24,390 Da                                                      |
| NCBI Official Full Name          | ras-related protein Rab-4A isoform 2                           |
| NCBI Official Synonym Full Names | RAB4A, member RAS oncogene family                              |
| NCBI Official Symbol             | RAB4A                                                          |
| NCBI Official Synonym Symbols    | RAB4; HRES1; HRES-1; HRES-1/RAB4                               |
| NCBI Protein Information         | ras-related protein Rab-4A; HTLV-1 related endogenous sequence |
| UniProt Protein Name             | Ras-related protein Rab-4A                                     |
| UniProt Gene Name                | RAB4A                                                          |
| UniProt Synonym Gene Names       | RAB4                                                           |
| UniProt Entry Name               | RAB4A_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rab4a-antibody-clone-sr27-08-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/312149>