

## Rabbit anti-Human, rat RAB11B Polyclonal Antibody | anti-RAB11B antibody

RAB11B Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA229538 | Rabbit | Human, rat | Immunohistochemistry, Western Blot, ELISA |

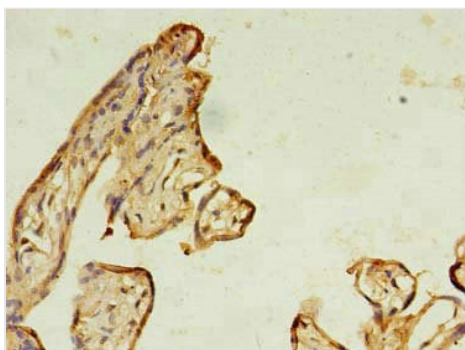
### PRODUCT SYNONYMS

RAB11B; Polyclonal Antibody; RAB11B Antibody; Ras-related protein Rab-11B; YPT3; GTP-binding protein YPT3; anti-RAB11B antibody

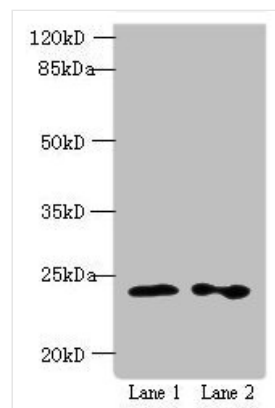
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, rat                                                                                |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Affinity Purified                                                                         |
| Form/Format                                      | Liquid                                                                                    |
| Sequence Length                                  | 218                                                                                       |
| Applicable Applications for anti-RAB11B antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                        | Recombinant human Ras-related protein Rab-11B protein                                     |
| Conjugation                                      | Non-conjugated                                                                            |
| Storage Buffer                                   | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4            |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26591 / sc-133937 |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.  |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human placenta using AAA229538 at dilution 1:100


**WB (Western Blot)**

Western blotAll lanes: RAB11B antibody at 2ug/mlLane 1:hela cellsLane 2:rat gonad tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 25,20 kDaObserved band size: 24 kDa

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAB11B antibody | The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab plays a role in endocytic recycling, regulating apical recycling of several transmembrane proteins including cystic fibrosis transmembrane conductance regulator/CFTR, epithelial sodium channel/ENaC, potassium voltage-gated channel, and voltage-dependent L-type calcium channel. May also regulate constitutive and regulated secretion, like insulin granule exocytosis. Required for melanosome transport and release from melanocytes. Also regulates V-ATPase intracellular transport in response to extracellular acidosis. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 190358517                                                                      |
| NCBI GeneID                      | 9230                                                                           |
| NCBI Accession #                 | NP_004209.2                                                                    |
| NCBI GenBank Nucleotide #        | NM_004218.3                                                                    |
| UniProt Accession #              | Q15907; Q2YDT2; Q5U0I1; Q6FHR0; Q6FI42; Q8NI07; A5YM50; B2R7I4; B4DMK0; D6W671 |
| Molecular Weight                 | 19,971 Da                                                                      |
| NCBI Official Full Name          | ras-related protein Rab-11B                                                    |
| NCBI Official Synonym Full Names | RAB11B, member RAS oncogene family                                             |
| NCBI Official Symbol             | RAB11B                                                                         |
| NCBI Official Synonym Symbols    | H-YPT3                                                                         |
| NCBI Protein Information         | ras-related protein Rab-11B                                                    |
| UniProt Protein Name             | Ras-related protein Rab-11B                                                    |
| UniProt Gene Name                | <b>RAB11B</b>                                                                  |
| UniProt Synonym Gene Names       | YPT3                                                                           |
| UniProt Entry Name               | RB11B_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/polyclonal/rab11b-antibody-immunohistochemistry-western-blot-elisa/229538>