

## Rabbit anti-Human, Mouse RAC3 Antibody | anti-RAC3 antibody

RAC3 Antibody

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| CATALOG #<br><b>AAA266847</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> |
|-------------------------------|-----------------------|-----------------------------------|

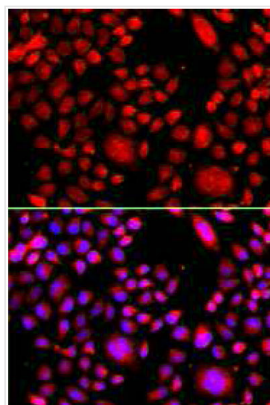
### PRODUCT SYNONYMS

RAC3; RAC3 Antibody; ras-related C3 botulinum toxin substrate 3; anti-RAC3 antibody

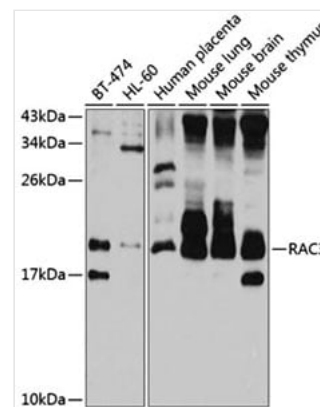
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                           |
| Reactivity              | Human, Mouse                                                                                                     |
| Isotype                 | IgG                                                                                                              |
| Purity/Purification     | Affinity purification.                                                                                           |
| Form/Format             | PBS with 0.02% sodium azide, 50% glycerol, pH7.3                                                                 |
| Concentration           | 0.5mg/ml (varies by lot)                                                                                         |
| Sequence Length         | 192                                                                                                              |
| Immunogen               | Recombinant fusion protein containing a sequence corresponding to amino acids 1-192 of human RAC3 (NP_005043.1). |
| Preparation and Storage | Store at -20 degree C. Avoid freeze / thaw cycles                                                                |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of A549 cells using RAC3 antibody. Blue: DAPI for nuclear staining.


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using RAC3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s

### ADDITIONAL INFORMATION

#### Related Product Information for anti-RAC3 antibody

The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4826962                                              |
| NCBI GeneID                      | 5881                                                 |
| NCBI Accession #                 | NP_005043.1                                          |
| NCBI GenBank Nucleotide #        | NM_005052.2                                          |
| UniProt Accession #              | P60763; O14658; Q5U0M8                               |
| Molecular Weight                 | 21kDa                                                |
| NCBI Official Full Name          | ras-related C3 botulinum toxin substrate 3 isoform 1 |
| NCBI Official Synonym Full Names | Rac family small GTPase 3                            |
| NCBI Official Symbol             | RAC3                                                 |
| NCBI Protein Information         | ras-related C3 botulinum toxin substrate 3           |
| UniProt Protein Name             | Ras-related C3 botulinum toxin substrate 3           |
| UniProt Gene Name                | <b>RAC3</b>                                          |

**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://www.aaabiotech.com/rabbit-human-mouse-antibody/rac3/266847>