

## Rabbit RhoA Polyclonal Antibody | anti-RhoA antibody

RhoA Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA281175</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

RhoA; Polyclonal Antibody; RhoA Polyclonal Antibody; ARH12; ARHA; RHO12; RHOH12; anti-RhoA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                        |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                    |
| Isotype                                        | IgG                                                                                                                                           |
| Purity/Purification                            | Affinity Purification                                                                                                                         |
| Sequence Length                                | 193                                                                                                                                           |
| Applicable Applications for anti-RhoA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                 |
| Immunogen                                      | A synthetic peptide of human RhoA                                                                                                             |
| Immunogen Species                              | Human                                                                                                                                         |
| Storage Buffer                                 | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                             |
| Cellular Location                              | Cell membrane, Cell projection, Cleavage furrow, Cytoplasm, Cytoplasmic side, Lipid-anchor, Midbody, cell cortex, cytoskeleton, lamellipodium |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.                                                                                            |

### IMAGES



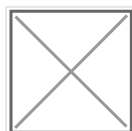
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using RhoA Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using RhoA Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using RhoA Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RhoA antibody | This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants have been identified. |
| Product Categories/Family for anti-RhoA antibody   | Polyclonal Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 927669104                                      |
| NCBI GeneID                      | 387                                            |
| NCBI Accession #                 | NP_001300870.1                                 |
| NCBI GenBank Nucleotide #        | NM_001313941.1                                 |
| UniProt Accession #              | P61586; P06749; Q53HM4; Q5U024; Q9UDJ0; Q9UEJ4 |
| Molecular Weight                 | 21kDa                                          |
| NCBI Official Full Name          | transforming protein RhoA isoform 1            |
| NCBI Official Synonym Full Names | ras homolog family member A                    |
| NCBI Official Symbol             | RHOA                                           |
| NCBI Official Synonym Symbols    | ARHA; ARH12; RHO12; RHOH12                     |
| NCBI Protein Information         | transforming protein RhoA                      |
| UniProt Protein Name             | Transforming protein RhoA                      |
| UniProt Gene Name                | RHOA                                           |
| UniProt Synonym Gene Names       | ARH12; ARHA; RHO12; h12                        |

**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/rhoa-antibody-immunohistochemistry-western-blot-elisa/281175>