

## Rabbit ARHGDIA Polyclonal Antibody | anti-ARHGDIA antibody

ARHGDIA (Phospho-Ser174) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316433 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

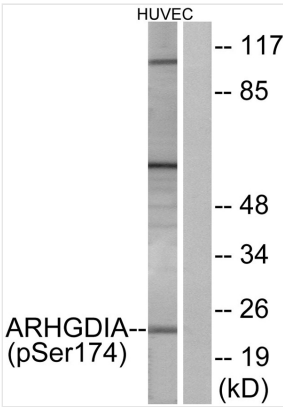
### PRODUCT SYNONYMS

ARHGDIA; Polyclonal Antibody; ARHGDIA (Phospho-Ser174) Antibody; GDIR; Rho GDI 1; Rho GDP-dissociation inhibitor 1; Rho-GDI alpha; anti-ARHGDIA antibody

### PRODUCT SPECIFICATIONS

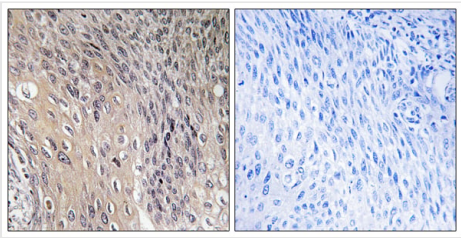
|                                                   |                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                           |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                                                                                                       |
| Specificity                                       | ARHGDIA (Phospho-Ser174) Antibody detects endogenous levels of ARHGDIA only when phosphorylated at Ser174.                                                                                       |
| Purity/Purification                               | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                       | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                     | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                   | 160                                                                                                                                                                                              |
| Applicable Applications for anti-ARHGDIA antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                               | Phospho                                                                                                                                                                                          |
| Modification Sites                                | H:S174; M:S174; R:S174                                                                                                                                                                           |
| Immunogen                                         | The antiserum was produced against synthesized peptide derived from human ARHGDIA around the phosphorylation site of Ser174.                                                                     |
| Immunogen Range                                   | 140-189                                                                                                                                                                                          |
| Preparation and Storage                           | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HUVEC cells treated with EGF 200ng/ml 30', using ARHGDI A (Phospho-Ser174) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma, using ARHGDI A (Phospho-Ser174) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                            |                                                |
|----------------------------|------------------------------------------------|
| NCBI GI #                  | 297374782                                      |
| NCBI GeneID                | 396                                            |
| NCBI Accession #           | NP_001172006.1                                 |
| NCBI GenBank Nucleotide #  | NM_001185077.2                                 |
| UniProt Accession #        | P52565; Q6IBM5; A8MXW0; B2R5X1; B4DDD3; B4DUV9 |
| Molecular Weight           | 23 kDa                                         |
| NCBI Official Full Name    | rho GDP-dissociation inhibitor 1 isoform a     |
| UniProt Protein Name       | Rho GDP-dissociation inhibitor 1               |
| UniProt Gene Name          | ARHGDI A                                       |
| UniProt Synonym Gene Names | GDIA1; Rho GDI 1                               |

**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/arhgdia-antibody-immunohistochemistry-western-blot-elisa/316433>