

## Rabbit ARPC2 Polyclonal Antibody | anti-ARPC2 antibody

ARPC2 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA307403</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

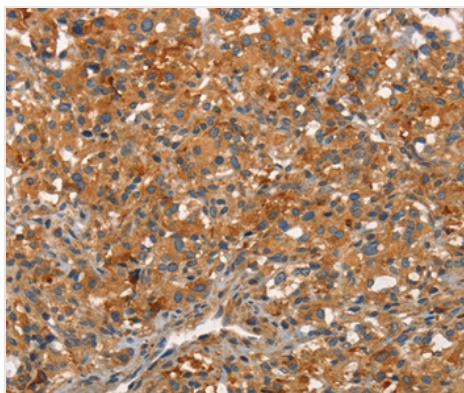
### PRODUCT SYNONYMS

ARPC2; Polyclonal Antibody; ARPC2 Antibody; ARC34; PRO2446; p34-Arc; PNAS-139; anti-ARPC2 antibody

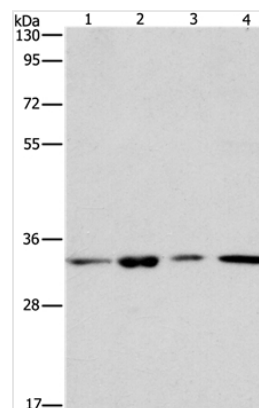
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                       |
| Reactivity                                      | Human, Mouse, Rat                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                   |
| Specificity                                     | The antibody detects endogenous levels of total ARPC2 protein.                                                               |
| Purity/Purification                             | Antigen affinity purification.                                                                                               |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                              |
| Concentration                                   | 2.1 mg/ml (varies by lot)                                                                                                    |
| Sequence Length                                 | 300                                                                                                                          |
| Applicable Applications for anti-ARPC2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Immunogen Type                                  | Peptide                                                                                                                      |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the N terminal of human actin related protein 2/3 complex, subunit 2, 34kDa |
| Target Name                                     | ARPC2                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/30.


**Application Data**

Gel: 8%SDS-PAGE Lysates (from left to right): 231 cell and human fetal brain tissue, NIH/3T3 and PC3 cell Amount of lysate: 40ug per lane Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ARPC2 antibody | This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined. |
| Product Categories/Family for anti-ARPC2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 5031599                                             |
| NCBI GeneID                      | 10109                                               |
| NCBI Accession #                 | NP_005722.1                                         |
| NCBI GenBank Nucleotide #        | NM_005731.3                                         |
| UniProt Accession #              | O15144; Q92801; Q9P1D4                              |
| Molecular Weight                 | 34,333 Da                                           |
| NCBI Official Full Name          | actin-related protein 2/3 complex subunit 2         |
| NCBI Official Synonym Full Names | actin related protein 2/3 complex, subunit 2, 34kDa |
| NCBI Official Symbol             | ARPC2                                               |
| NCBI Official Synonym Symbols    | ARC34; PRO2446; p34-Arc; PNAS-139                   |
| NCBI Protein Information         | actin-related protein 2/3 complex subunit 2         |
| UniProt Protein Name             | Actin-related protein 2/3 complex subunit 2         |
| UniProt Gene Name                | ARPC2                                               |
| UniProt Synonym Gene Names       | ARC34; p34-ARC                                      |
| UniProt Entry Name               | ARPC2_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/arp2-antibody-immunohistochemistry-western-blot-elisa/307403>