

# Rabbit anti-Human, Mouse Actin-related protein 2 Polyclonal Antibody | anti-ACTR2 antibody

Rabbit anti-human Actin-related protein 2 polyclonal Antibody(ACTR2)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA118997 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

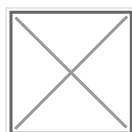
## PRODUCT SYNONYMS

Actin-related protein 2; Polyclonal Antibody; Rabbit anti-human Actin-related protein 2 polyclonal Antibody(ACTR2); Actin-like protein 2; ACTR2; ARP2; anti-ACTR2 antibody

## PRODUCT SPECIFICATIONS

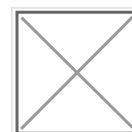
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Sequence Length                                 | 399                                                                                                            |
| Applicable Applications for anti-ACTR2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Immunogen                                       | Recombinant human Actin-related protein 2 protein(1-160aa)                                                     |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10127 / sc-15389                       |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

## IMAGES



### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA118997 at dilution 1:100



### WB (Western Blot)

All lanes: Actin-related protein 2 antibody at 3ug/ml  
Lane 1: mouse spleen tissue  
Lane 2: Jurkat whole cell lysate  
Lane 3: MCF7 whole cell lysate  
Secondary: Goat polyclonal to rabbit at 1/10000 dilution  
Predicted band size: 45,46 kDa  
Observed band size: 45 kDa

## ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACTR2 antibody | Functions as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the pointed end of the daughter actin filament. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 53692187                                       |
| NCBI GeneID                      | 10097                                          |
| NCBI Accession #                 | NP_001005386.1                                 |
| NCBI GenBank Nucleotide #        | NM_001005386.2                                 |
| UniProt Accession #              | P61160; O15142; Q96C82; B2RCP5; D6W5F4; E9PF41 |
| Molecular Weight                 | 45,377 Da                                      |
| NCBI Official Full Name          | actin-related protein 2 isoform a              |
| NCBI Official Synonym Full Names | ARP2 actin-related protein 2 homolog (yeast)   |
| NCBI Official Symbol             | ACTR2                                          |
| NCBI Official Synonym Symbols    | ARP2                                           |
| NCBI Protein Information         | actin-related protein 2                        |
| UniProt Protein Name             | Actin-related protein 2                        |
| UniProt Gene Name                | <b>ACTR2</b>                                   |
| UniProt Synonym Gene Names       | ARP2                                           |
| UniProt Entry Name               | ARP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/actin-related-protein-2-antibody-immunohistochemistry-western-blot-elisa/118997>