

## Rabbit anti-Human ARL1 Polyclonal Antibody | anti-ARL1 antibody

ARL1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA234389 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

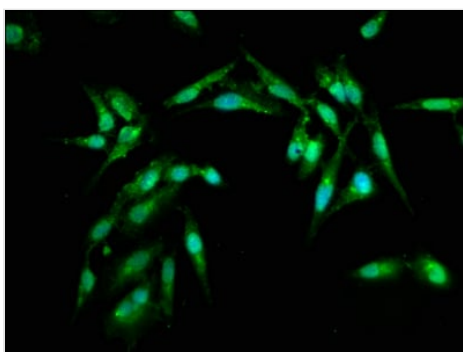
### PRODUCT SYNONYMS

ARL1; Polyclonal Antibody; ARL1 Antibody; ADP-ribosylation factor-like protein 1; anti-ARL1 antibody

### PRODUCT SPECIFICATIONS

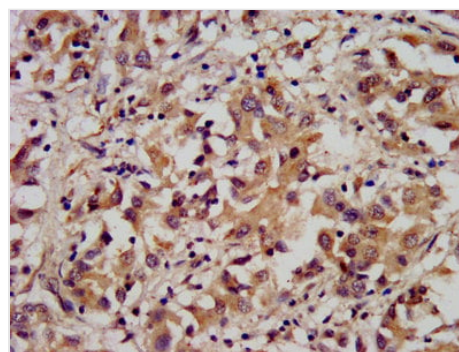
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 181                                                                              |
| Applicable Applications for anti-ARL1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Immunogen                                      | Recombinant Human ADP-ribosylation factor-like protein 1 protein (2-181AA)       |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



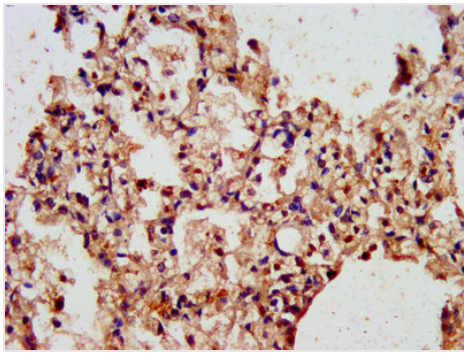
#### IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234389 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234389 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234389 diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-ARL1 antibody

GTP-binding protein that has very low efficiency as allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Can activate phospholipase D with very low efficiency. Important for normal function of the Golgi apparatus.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 4502227                                          |
| NCBI GeneID                      | 400                                              |
| NCBI Accession #                 | NP_001168.1                                      |
| NCBI GenBank Nucleotide #        | NM_001177.5                                      |
| UniProt Accession #              | P40616; P80417; Q53XB1; B4DWW1                   |
| Molecular Weight                 | 18,565 Da                                        |
| NCBI Official Full Name          | ADP-ribosylation factor-like protein 1 isoform 1 |
| NCBI Official Synonym Full Names | ADP ribosylation factor like GTPase 1            |
| NCBI Official Symbol             | ARL1                                             |
| NCBI Official Synonym Symbols    | ARFL1                                            |
| NCBI Protein Information         | ADP-ribosylation factor-like protein 1           |
| UniProt Protein Name             | ADP-ribosylation factor-like protein 1           |
| UniProt Gene Name                | ARL1                                             |

**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/ar1-antibody-immunofluorescence-immunohistochemistry-elisa/234389>