

## Goat ARF4 Polyclonal Antibody | anti-ARF4 antibody

Goat Polyclonal to Human ARF4

| CATALOG # | HOST | REACTIVITY                                                                                                                              | APPLICATIONS                              |
|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| AAA52387  | Goat | Bat, Gibbon, Bovine, Chimpanzee, Chicken, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat, Sheep | ELISA, Western Blot, Immunohistochemistry |

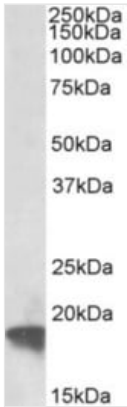
### PRODUCT SYNONYMS

ARF4; Polyclonal Antibody; Goat Polyclonal to Human ARF4; Anti-ARF4 Antibody (aa137-150) IHC-plus; ARF2; ADP-ribosylation factor 2; ADP-ribosylation factor 4; Human ARF4; anti-ARF4 antibody

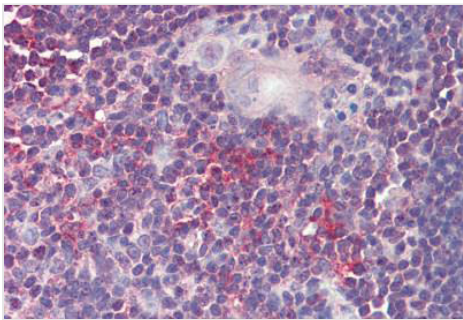
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                     | Bat, Gibbon, Bovine, Chimpanzee, Chicken, Dog, Guinea pig, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Rabbit, Rat, Sheep                                                                                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity                                    | Human ARF4.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification                            | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                    | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence Length                                | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-ARF4 antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                 |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen Description                          | Synthetic peptide C-SEMTDKLGLQSLRN from an internal region of human ARF4 (NP_001651.1).                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen Type                                 | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                      | ARF4 antibody was raised against synthetic peptide C-SEMTDKLGLQSLRN from an internal region of human ARF4 (NP_001651.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Hamster, Elephant, Panda, Bat, Dog, Bovine, Horse, Rabbit, Porcine, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Lizard (100%); Platypus, Xenopus (93%); Felinefish, Zebrafish (86%). |
| Antigen Modification                           | aa137-150                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                        | Store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                |

IMAGES



**WB (Western Blot)**  
ARF4 antibody (0.5 ug/ml) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**IHC (Immunohistochemistry)**  
Anti-ARF4 antibody IHC staining of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| Product Categories/Family for anti-ARF4 antibody | Family: Ras GTPase superfamily IPR001806 |
|--------------------------------------------------|------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4502205                                              |
| NCBI GeneID                      | 378                                                  |
| NCBI Accession #                 | NP_001651.1                                          |
| NCBI GenBank Nucleotide #        | NM_001660.3                                          |
| UniProt Accession #              | P18085; P21371; B2R7J7                               |
| Molecular Weight                 | 20,511 Da                                            |
| NCBI Official Full Name          | ADP-ribosylation factor 4                            |
| NCBI Official Synonym Full Names | ADP-ribosylation factor 4                            |
| NCBI Official Symbol             | ARF4                                                 |
| NCBI Official Synonym Symbols    | ARF2                                                 |
| NCBI Protein Information         | ADP-ribosylation factor 4; ADP-ribosylation factor 2 |
| UniProt Protein Name             | ADP-ribosylation factor 4                            |
| UniProt Gene Name                | <b>ARF4</b>                                          |
| UniProt Synonym Gene Names       | ARF2                                                 |
| UniProt Entry Name               | ARF4_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.