

Datasheet for ABIN2459781  
**anti-ARF6 antibody**



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1 Image

## Overview

|              |                                            |
|--------------|--------------------------------------------|
| Quantity:    | 100 µL                                     |
| Target:      | ARF6                                       |
| Reactivity:  | Human, Rat, Mouse, Drosophila melanogaster |
| Host:        | Rabbit                                     |
| Clonality:   | Polyclonal                                 |
| Conjugate:   | This ARF6 antibody is un-conjugated        |
| Application: | Western Blotting (WB), ELISA               |

## Product Details

|               |                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ARF6. |
| Purification: | Antibody is purified by peptide affinity chromatography method.                                       |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ARF6                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Name: | ARF6 ( <a href="#">ARF6 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | ARF6 is a member of the human ARF family, which is part of the RAS superfamily. They are small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. ARF6 is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. This gene encodes a |

## Target Details

member of the human ARF gene family, which is part of the RAS superfamily. The ARF genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

|                   |                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 20 kDa                                                                                                                                                                    |
| Gene ID:          | 382                                                                                                                                                                       |
| NCBI Accession:   | <a href="#">NP_001654</a>                                                                                                                                                 |
| UniProt:          | <a href="#">P62330</a>                                                                                                                                                    |
| Pathways:         | <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> |

## Application Details

|                    |                                                                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ARF6 antibody can be used for detection of ARF6 by ELISA at 1:62500. ARF6 antibody can be used for detection of ARF6 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                        |

## Handling

|                  |                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                      |
| Reconstitution:  | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.                                           |
| Concentration:   | 1 mg/mL                                                                                                          |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.                                                          |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.                                                            |
| Storage:         | 4 °C/-20 °C                                                                                                      |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store ARF6 antibody at -20 °C. |



**Western Blotting**

**Image 1.**