

Datasheet for 600-401-Y57**ARF6 Antibody****Overview**

Description:	Anti-ARF6 (RABBIT) Antibody - 600-401-Y57
Item No.:	600-401-Y57
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The ADP-ribosylation factor 6 (ARF6) is a member of the ARF family, which is part of the RAS superfamily (1). The ARF proteins 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 (2). The product of this gene is localized to the plasma membrane (3), and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling (4).
Synonyms:	ARF6 Antibody, ADP-ribosylation factor 6
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ARF6
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ARF6 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the C-terminus of human ARF6.
Purity/Specificity:	Anti-ARF6 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. ARF6 antibody is human, mouse and rat reactive.

Relevant Links:	• UniProtKB - P62330 • GeneID - 382 • NCBI - NP_001654
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Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-ARF6 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 20 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1 - 2 µg/mL

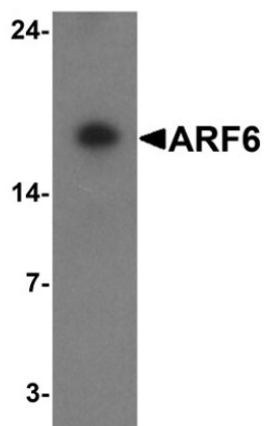
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

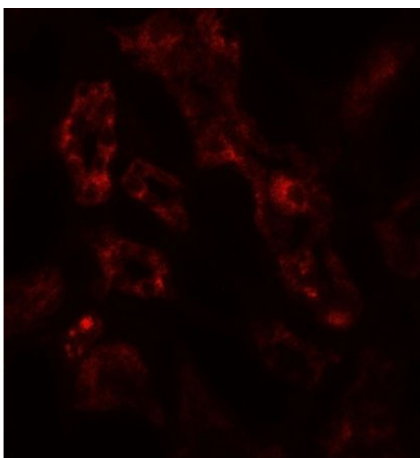


Western Blot

Western blot of ARF6.

Load: rat liver tissue lysate.

Primary Antibody: ARF6 antibody at 1 µg/ml.

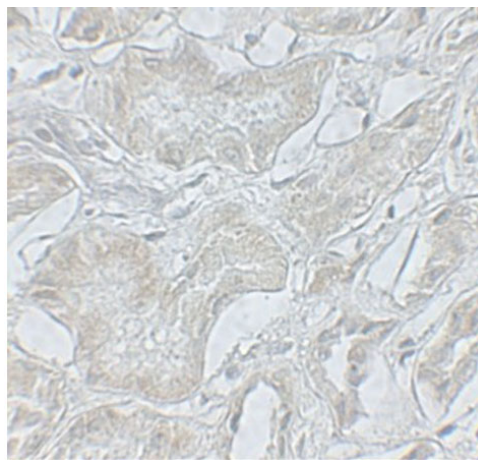


Immunofluorescence Microscopy

Immunofluorescence of ARF6.

Tissue: human kidney tissue.

Primary Antibody: ARF6 antibody at 20 µg/mL.



Immunohistochemistry

Immunohistochemistry of ARF6.

Tissue: human kidney tissue.

Primary Antibody: ARF6 antibody at 5 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.