

Rabbit ARF1 Polyclonal Antibody | anti-ARF1 antibody

ARF1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199884	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish, Yeast	Western Blot, Immunoprecipitation, Immunohistochemistry

PRODUCT SYNONYMS

ARF1; Polyclonal Antibody; ARF1 antibody - middle region; anti-ARF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MR MLAEDLRDA VLLVFANKQD LPNAMNAEI TDKLGLHSLR HRNWYIQA
Sequence Length	181
Applicable Applications for anti-ARF1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ARF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Sample Type: 1. Human NT-2 cells (60ug) 2. mouse brain extracts (80ug) Primary antibody dilution: 2ug/ml Secondary antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary antibody dilution: 1: 20,000 Image Submitted by: Yuzhi Chen University of Arkansas for Medical Science



WB (Western Blot)

Sample Type: Human Fetal Lung ARF1 antibody - middle region validated by WB using Fetal lung Lysate at 0.2-1 ug/ml.



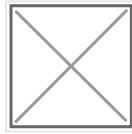
IP (Immunoprecipitation)

Sample Type :Mouse Brain lysate



IP (Immunoprecipitation)

Sample Type: Rat brainAmount and Sample Type :500 ug rat brain homogenateAmount of IP Antibody :6 ugPrimary Antibody :ARF1Primary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution :1:5000Gene Name :ARF1Submitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Researcher: Dr. Yuzhi Chen, University of Arkansas for Medical ScienceApplication: IHCSpecies+tissue/cell type: Mouse brain stem cellsPrimary antibody dilution: 1:500Secondary antibody: Goat anti-rabbit Alexa-Fluor 594Secondary antibody dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ARF1 antibody

This is a rabbit polyclonal antibody against ARF1. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: ADP-ribosylation factor 1 (ARF1) is a member of the human ARF family. The family is composed of small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. These protein, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

Product Categories/Family for anti-ARF1 antibody

Polyclonal; Lymphocyte Signaling; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502201
NCBI GeneID	375
NCBI Accession #	NP_001649
NCBI GenBank Nucleotide #	NM_001658
UniProt Accession #	P61204 ; P84077
Molecular Weight	21kDa
NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Synonym Full Names	ADP ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Official Synonym Symbols	PVNH8

NCBI Protein Information	ADP-ribosylation factor 1
UniProt Protein Name	ADP-ribosylation factor 3
UniProt Gene Name	ARF3
UniProt Entry Name	ARF3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arf1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/199884>