

Datasheet for ABIN2787084  
**anti-ARFGAP1 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	ARFGAP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARFGAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ARFGAP1
Sequence:	GQPQSVTASS DKAFEDWLND DLGSYQGAQG NRYVGFGNTP PPQKKEDDFL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ARFGAP1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ARFGAP1
Alternative Name:	ARFGAP1 ( <a href="#">ARFGAP1 Products</a> )
Background:	The protein encoded by this gene is a GTPase-activating protein (GAP) which associates with

## Target Details

the Golgi apparatus and which interacts with ADP-ribosylation factor 1 (ARF1). The encoded protein promotes hydrolysis of ARF1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Two transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: ARF1GAP, HRIHFB2281, MGC39924

Protein Interaction Partner: KRTAP10-9, KRTAP9-2, KRTAP3-2, GABARAPL2, GRN, FOS, TRIM23, UBC, RPL22, HK1, RAD52, RPL11, RFC3, PRKACB, APOE, APOC3, APOB, ASB10, RASIP1, RAB23, COPS5, MED27, REEP5, APP, LRRK2, MAP1LC3B, TK1, SMN1, TMED2, CYTH2, COPA, CSNK1D, RGS2, KDELR1, ARF1,

Protein Size: 406

Molecular Weight: 45 kDa

Gene ID: 55738

NCBI Accession: [NM\\_018209](#), [NP\\_060679](#)

UniProt: [Q8N6T3](#)

Pathways: [p53 Signaling](#), [ER-Nucleus Signaling](#), [Unfolded Protein Response](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 406 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #103662 for Western Blotting (WB)



Western Blotting				
Image 1.	WB	Suggested	Anti-ARFGAP1	Antibody
Titration: 0.2-1 ug/ml				
ELISA Titer: 1:312500				
Positive Control: Transfected 293T				



Rabbit Anti-ARFGAP1 Antibody  
Catalog Number: ARP57149  
Lot Number: QC28098  
Lane: Transfected 293T Cell Lysate

Antibody Titration: 0.5µg/ml  
Gel Concentration: 12%

Western Blotting	
Image 2.	WB Suggested Anti-ARFGAP1
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500	
Positive Control: Transfected 293T	