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Datasheet for ABIN2787084 anti-ARFGAP1 antibody (Middle Region)

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 (ARFGAP1 Products)	
Background:	The protein encoded by this gene is a GTPase-activating protein (GAP) which associates with	

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	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 phosphoinosides 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

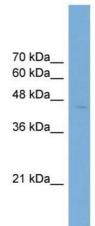
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling	
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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

Image1.WBSuggestedAnti-ARFGAP1AntibodyTitration:0.2-1 ug/mlELISA Titer:1:312500Positive Control:Transfected 293T

70 kDa 60 kDa	
48 kDa	_
36 kDa	
21 kDa	

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

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