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Datasheet for ABIN1714277 anti-ARL1 antibody (AA 101-181)



Overview

Quantity:	100 µL
Target:	ARL1
Binding Specificity:	AA 101-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARFL1
lsotype:	lgG
Predicted Reactivity:	Human,Mouse,Rat,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target:	ARL1
Alternative Name:	ARFL1 (ARL1 Products)

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Target Details	
Background:	Synonyms: ADP ribosylation factor like 1, ADP-ribosylation factor-like protein 1, ARFL1, Arl1,
	ARL1_HUMAN.
	Background: The ADP-ribosylation factor (ARF) protein family are structurally and functionally
	conserved members of the Ras superfamily of regulatory GTP-binding proteins (13). ARFs
	influence vesicle trafficking and signal transduction in eukaryotic cells (13). ARF-dependent
	regulatory mechanisms include the coordination of spectrin interactions with golgi membranes
	and the association of actin to the golgi via rho family-dependent G-protein localization (Rac,
	CDC42) and WASP/Arp2/3 complexes (37). Additionally, ARFs play a central role in
	maintenance of organelle integrity, assembly of coat proteins, and activation of phospholipase
	D (57). The ARF proteins are categorized as class I (ARF1, ARF2,and ARF3), class II (ARF4 and
	ARF5) and class III (ARF6), members of each class share a common gene organization (8,9).
	The human ARF6 gene maps to chromosome 7q22.1, contains five exons and four introns, and
	encodes a 175 amino acid protein (8,9).
Gene ID:	400
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

handled by trained staff only.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months