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Datasheet for ABIN1708168  
**anti-ARL1 antibody (AA 101-181) (Cy7)**

### Overview

Quantity:	100 µL
Target:	ARL1
Binding Specificity:	AA 101-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL1 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

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

### Target Details

Target:	ARL1
Alternative Name:	ARFL1 ( <a href="#">ARL1 Products</a> )
Background:	Synonyms: ADP ribosylation factor like 1, ADP-ribosylation factor-like protein 1, ARFL1, Arl1,

## Target Details

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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).

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Gene ID: 400

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months