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Datasheet for ABIN2809943

**anti-ARPC1A antibody (AA 101-200) (Alexa Fluor 594)**

## Overview

Quantity:	100 µL
Target:	ARPC1A
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC1A antibody is conjugated to Alexa Fluor 594
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 ARPC1A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	ARPC1A
Alternative Name:	ARPC1A ( <a href="#">ARPC1A Products</a> )

## Target Details

Background:	<p>Synonyms: Actin binding protein Schizosaccharomyces pombe sop2 like, Actin related protein 2/3 complex subunit 1A 41 kDa, Actin-related protein 2/3 complex subunit 1A, ARC1A_HUMAN, Arc40, ARPC1A, SOP2-like protein, SOP2Hs, SOP2L.</p> <p>Background: This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1B. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010].</p>
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Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>
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## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months