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Datasheet for ABIN2855928

anti-ARPC1A antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	ARPC1A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human ARPC1A. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Zebrafish (Danio rerio)
Characteristics:	Rabbit Polyclonal antibody to ARPC1A (actin-related protein 2/3 complex subunit 1A) ARPC1A antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ARPC1A
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Target Details

Alternative Name:	actin related protein 2/3 complex subunit 1A (ARPC1A Products)
Background:	<p>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.</p> <p>Cellular Localization: Cytoplasm , cytoskeleton</p>
Molecular Weight:	42 kDa
Gene ID:	10552
UniProt:	Q92747
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: ARPC1A transfected 293T
Restrictions:	For Research Use only

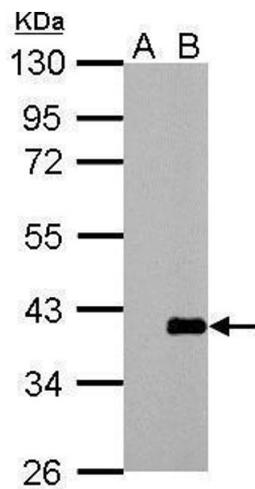
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 40 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

Handling

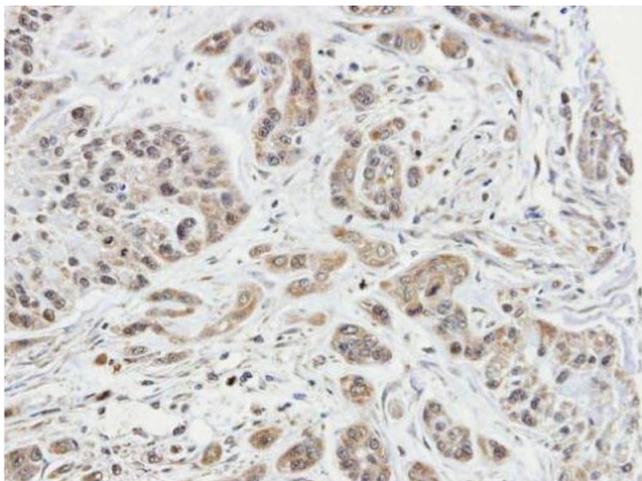
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Non-transfected 293T lysates B: ARPC1A transfected 293T lysates 10% SDS PAGE antibody diluted at 1:3000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using ARPC1A, antibody at 1:100 dilution.