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anti-ARPC1B antibody (N-Term)





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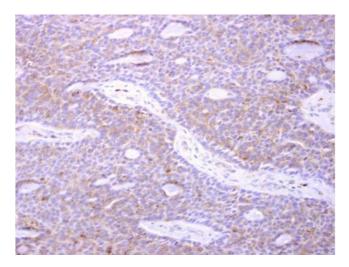
Overview	
Quantity:	100 μL
Target:	ARPC1B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human p41-ARCb. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to p41-ARCb (actin related protein 2/3 complex, subunit 1B, 41 kDa) p41-ARCb antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	ARPC1B

Target Details

Alternative Name:	actin related protein 2/3 complex subunit 1B (ARPC1B Products)
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
	ARPC1A. 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.
Molecular Weight:	41 kDa
Gene ID:	10095
UniProt:	015143
Pathways:	RTK Signaling, 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: NIH-3T3
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 10 % 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
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

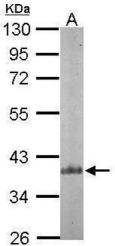
multiple freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image p41-ARCb antibody [N1], N-term detects p41-ARCb protein at cytosol on human lung carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human lung carcinoma. p41-ARCb antibody [N1], N-term, dilution: 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 10% SDS PAGE antibody diluted at 1:500