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## anti-ARPC3 antibody (Middle Region)

2 Images



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Quantity:	100 μL	
Target:	ARPC3	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio),	
	Saccharomyces cerevisiae	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ARPC3 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ARPC3	
Sequence:	ITLYISECLK KLQKCNSKSQ GEKEMYTLGI TNFPIPGEPG FPLNAIYAKP	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:	
	100%, Rat: 100%, Yeast: 92%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against ARPC3. It was validated on Western Blot.	
Purification:	Affinity Purified	
Purification: Target Details	Affinity Purified	

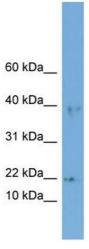
### Target Details

Alternative Name:	ARPC3 (ARPC3 Products)		
Background:	ARPC3 is one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein		
	complex has been implicated in the control of actin polymerization in cells and has been		
	conserved through evolution. The exact role of the protein, the p21 subunit, has yet to be		
	determined.		
	Alias Symbols: ARC21, p21-Arc		
	Protein Interaction Partner: UBC, HOXA3, GOLGA2, WASL, NRIP1, PRKAR1A, TRMT10A,		
	ARPC5L, ARPC2, ARPC1B, ARPC4, ARPC5, PRKACA, LPP, CALU, CALR, VCAM1, ITGA4, FN1		
	WAS, ARPC1A, ACTR2, ACTR3, EZR, MAPK6, ARAP1, THNSL2, OTUD5, WASF2, EFTUD2,		
	PRMT1, LGALS4, CDKN2B, LTA4H, BAG6, CETP, RPS4X		
	Protein Size: 178		
Molecular Weight:	20 kDa		
Gene ID:	10094		
NCBI Accession:	NM_005719, NP_005710		
UniProt:	015145		
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 178 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		

#### Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-ARPC3

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

ARPC3 is supported by BioGPS gene expression data to be expressed in Jurkat



#### **Western Blotting**

Image 2. WB Suggested Anti-ARPC3 Antibody Titration:

0.2-1 ug/ml

Positive Control: Jurkat cell lysate