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Datasheet for ABIN2784768 anti-ARPC3 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 μL
Target:	ARPC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
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 N terminal region of human ARPC3
Sequence:	MPAYHSSLMD PDTKLIGNMA LLPIRSQFKG PAPRETKDTD IVDEAIYYFK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against ARPC3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	ARPC3

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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. This gene encodes 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 encoded by this gene,	
	the p21 subunit, has yet to be determined. Publication Note: This RefSeq record includes a	
	subset of the publications that are available for this gene. Please see the Entrez Gene record to	
	access additional publications.	
	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 %	

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Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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.
Publications	
Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the
	Mammalian Gene Collection (MGC)" in: Genome research, Vol. 14, Issue 10B, pp. 2121-7, (

2004) (PubMed).

Images

