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Datasheet for ABIN2778667 anti-PHAP1 antibody (Middle Region)

5 Images



Overview

Quantity:	100 µL
Target:	PHAP1 (ANP32A)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ANP32A
Sequence:	FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPDSDA EGYVEGLDDE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%, Sheep: 86%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ANP32A. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	PHAP1 (ANP32A)

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Target Details		
Alternative Name:	ANP32A (ANP32A Products)	
Background:	ANP32A is a novel potent heat-stable inhibitor protein of protein phosphatase 2A. It may play a	
	key role in self-renewing cell populations where it may act in the nucleus to limit their sensitivity	
	to transformation. Being a tumor suppressor, ANP32A represses cell growth through inhibition	
	of transcription by blocking acetylation and phosphorylation of histone H3 and initiating its	
	proapoptotic activity.	
	Alias Symbols: LANP, MAPM, PP32, HPPCn, PHAP1, PHAPI, I1PP2A, C15orf1	
	Protein Interaction Partner: UBC, rev, PDLIM5, PLIN3, ARPC1B, OXSR1, EIF4A3, VBP1, TPD52L2,	
	SSB, SRP14, RPA2, PKM, BAG1, SOX2, PCBP1, ESR1, THRB, PPARG, PGR, KPNA6, KPNA5,	
	KPNA1, SUMO2, CHAF1A, HIST1H4A, HIST1H3A, HIST2H2BE, HIST2H2AC, SET, MEPCE,	
	ELAVL1, ADAP1, NSFL1C, HSPB3, AXIN1,	
	Protein Size: 249	
Molecular Weight:	29 kDa	
Gene ID:	8125	
NCBI Accession:	NM_006305, NP_006296	
UniProt:	P39687	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 249 AA	

Handling

Restrictions:

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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

For Research Use only

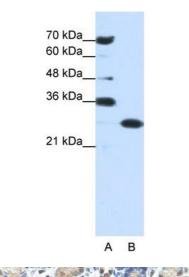
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Handling

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

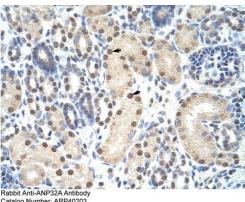
aliquots to prevent freeze-thaw cycles.

Images

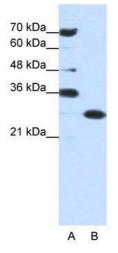


Western Blotting

Image 1. WB Suggested Anti-ANP32A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate ANP32A is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-ANP32A Antibody Catalog Number: ARP40203 Lot Number: QC9984 Paraffin Embeded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X



Immunohistochemistry

Image 2. Rabbit Anti-ANP32A Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 3. WB Suggested Anti-ANP32A Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500 Positive Control: Jurkat cell lysate ANP32A is supported by BioGPS gene expression data to be expressed in Jurkat

Please check the product details page for more images. Overall 5 images are available for ABIN2778667.

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