



Datasheet for ABIN2778668
anti-PHAP1 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	PHAP1 (ANP32A)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit, Sheep, Pig
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 N terminal region of human ANP32A
Sequence:	MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 93%, Rat: 86%, Sheep: 77%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ANP32A. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A 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

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 should be handled by trained staff only.

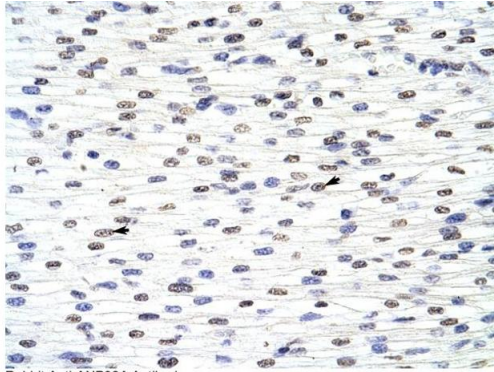
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

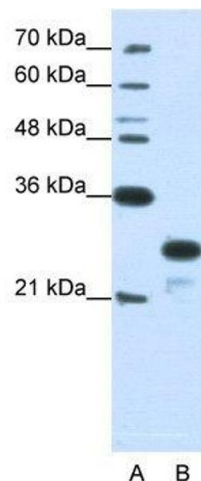
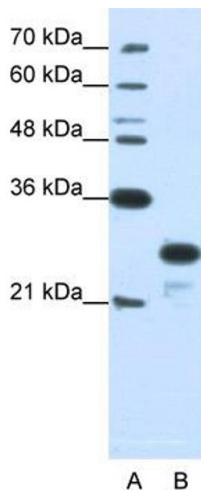
Storage: -20 °C

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



Rabbit Anti-ANP32A Antibody
Catalog Number: ARP40204
Lot Number: QC10485
Paraffin Embedded Tissue: Human Heart
Cells with Positive label: Myocardial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



Immunohistochemistry

Image 1. Rabbit Anti-ANP32A Antibody Paraffin Embedded Tissue: Human Heart Cellular Data: Myocardial cells Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X

Western Blotting

Image 2. WB Suggested Anti-ANP32A Antibody Titration: 1.25µg/ml Positive Control: Jurkat cell lysate ANP32A is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

Image 3. WB Suggested Anti-ANP32A Antibody Titration: 1.25 µg/mL Positive Control: Jurkat cell lysate ANP32A is supported by BioGPS gene expression data to be expressed in Jurkat