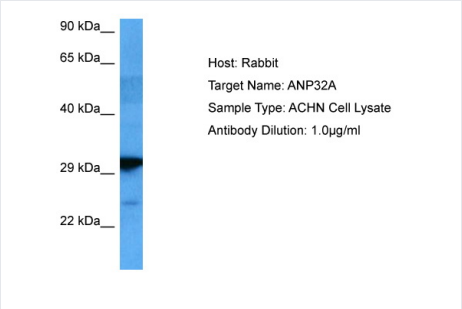
ANP32A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ANP32A, Polyclonal Antibody
Full Product Name	ANP32A Antibody - C-terminal region
Product Gene Name	anti-ANP32A antibody
Product Synonym Gene Name	LANP; MAPM; PP32; HPPCn; PHAP1; PHAPI; I1PP2A; C15orf1;
Immunogen Sequence	Synthetic peptide located within the following region: EEEDVSGEEE EDEEGYNDGE VDDEEDEEEL GEEERGQKRK REPEDEGEDD
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ANP32A peptide (MBS3244523) is used for blocking the activity of ANP32A antibody (MBS3219657)
Molecular Weight	29 kDa
OMIM	600832
3D Structure	ModBase 3D Structure for P39687
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ANP32A
Product Categories/Family for anti-ANP32A antibody	Polyclonal; Lymphocyte Signaling; Cell Biology; Chromatin & Nuclear Signaling; Mitochondria
Applications Tested/Suitable for anti-ANP32A antibody	Western Blot (WB)
Related Product Information for anti-ANP32A antibody	MBS3219657 is an antibody targeting ANP32A. Also known as ANP32A Antibody - C-terminal region. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-ANP32A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-ANP32A antibody
Host: RabbitTarget Name: ANP32ASample Tissue: ACHN Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANP32A. It may not necessarily be applicable to this product.

NCBI GI #	5453880
NCBI GeneID	8125
NCBI Accession #	NP_006296.1
UniProt Primary Accession #	P39687
UniProt Related Accession #	P39687
GenBank Nucleotide #	NM_006305.3
NCBI Official Full Name	acidic leucine-rich nuclear phosphoprotein 32 family member A
NCBI Official Synonym Full Names	acidic nuclear phosphoprotein 32 family member A
NCBI Official Symbol	ANP32A
NCBI Official Synonym Symbols	LANP; MAPM; PP32; HPPCn; PHAP1; PHAPI; I1PP2A; C15orf1
UniProt Protein Name	Acidic leucine-rich nuclear phosphoprotein 32 family member A
UniProt Synonym Protein Names	Acidic nuclear phosphoprotein pp32; pp32; Leucine-rich acidic nuclear protein; LANP; Mapmodulin; Potent heat-stable protein phosphatase 2A inhibitor I1PP2A; Putative HLA-DR-associated protein I; PHAPI
Protein Family	Acidic leucine-rich nuclear phosphoprotein 32 family
UniProt Gene Name	ANP32A
UniProt Synonym Gene Names	C15orf1; LANP; MAPM; PHAP1; pp32; LANP; PHAPI
UniProt Entry Name	AN32A_HUMAN
NCBI Protein Information	acidic leucine-rich nuclear phosphoprotein 32 family member A

UniProt Comments for ANP32A	ANP32A: Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase- independent apoptosis, suppression of transformation (tumor suppressor), inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression. Belongs to the ANP32 family. Protein type: Nuclear receptor co-regulator; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 15q23 Cellular Component: nucleoplasm; endoplasmic reticulum; perinuclear region of cytoplasm; cytoplasm; nucleus Molecular Function: protein binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent; gene expression; nucleocytoplasmic transport
Research Articles on ANP32A	**1.** our study reveals that ANP32A dysregulation may be a critical factor contributing to acute megakaryoblastic leukemia
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