

Rabbit ANP32A Polyclonal Antibody | anti-ANP32A antibody

ANP32A Antibody (C-term)

CATALOG # AAA290722	HOST Rabbit	REACTIVITY Human; Predicted Reactivity: Bovine	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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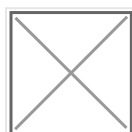
PRODUCT SYNONYMS

ANP32A; Polyclonal Antibody; ANP32A Antibody (C-term); Acidic leucine-rich nuclear phosphoprotein 32 family member A; 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; C15orf1; MAPM; PHAP1; anti-ANP32A antibody

PRODUCT SPECIFICATIONS

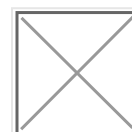
Host	Rabbit
Reactivity	Human; Predicted Reactivity: Bovine
Clonality	Polyclonal
Isotype	Ig
Specificity	This ANP32A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids from the C-terminal region of human ANP32A.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	249
Applicable Applications for anti-ANP32A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Nucleus. Cytoplasm. Endoplasmic reticulum. Note=Translocates to the cytoplasm during the process of neuritogenesis (By similarity). Shuttles between nucleus and cytoplasm.
Tissue Location	Expressed in all tissues tested. Highly expressed in kidney and skeletal muscle, moderate levels of expression in brain, placenta and pancreas, and weakly expressed in lung. Found in all regions of the brain examined (amygdala, caudate nucleus, corpus callosum, hippocampus and thalamus), with highest levels in amygdala.
Antigen Region	211-239 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skeletal muscle reacted with ANP32A Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

ANP32A Antibody (C-term) western blot analysis in K562, CEM, HL-60 cell line lysates (35ug/lane). This demonstrates the ANP32A antibody detected the ANP32A protein (arrow).



WB (Western Blot)

All lanes : Anti-ANP32A Antibody (C-term) at 1:1000 dilution
Lane 1: Jurkat whole cell lysate
Lane 2: Raji whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 29 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ANP32A antibody	Description: 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. ANP32A plays a role in E4F1-mediated transcriptional repression. Background: 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.
Product Categories/Family for anti-ANP32A antibody	Primary Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Valdes, A.M., et al. Arthritis Rheum. 60 (7):2046-2054 (2009). Pan, W., et al. J. Biol. Chem. 284 (11):6946-6954 (2009). de Chiara, C., et al. FEBS J. 275 (10):2548-2560 (2008). Kim, H.E., et al. Mol. Cell 30 (2):239-247 (2008). Matilla, A., et al. Cerebellum 4 (1):7-18 (2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453880
NCBI GeneID	8125
NCBI Accession #	NP_006296.1
NCBI GenBank Nucleotide #	NM_006305.3
UniProt Accession #	P39687; Q53FK4; Q5J8L8; Q7M4N6; B2R6T4
Molecular Weight	28585 Da
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
NCBI Protein Information	acidic leucine-rich nuclear phosphoprotein 32 family member A
UniProt Protein Name	Acidic leucine-rich nuclear phosphoprotein 32 family member A
UniProt Gene Name	ANP32A
UniProt Synonym Gene Names	C15orf1; LANP; MAPM; PHAP1; pp32; LANP; PHAPI
UniProt Entry Name	AN32A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

