

Rabbit PHAP Polyclonal Antibody | anti-ANP32A antibody

PHAP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40210	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

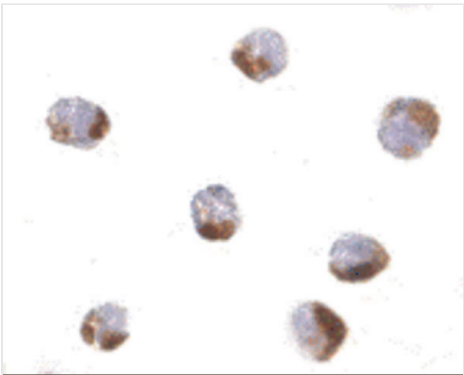
PRODUCT SYNONYMS

PHAP; Polyclonal Antibody; PHAP Antibody; LANP; MAPM; PP32; HPPCn; PHAP1; PHAPI; I1PP2A; C15orf1; Acidic leucine-rich nuclear phosphoprotein 32 family member A; Acidic nuclear phosphoprotein pp32; acidic (leucine-rich) nuclear phosphoprotein 32 family; member A; anti-ANP32A antibody

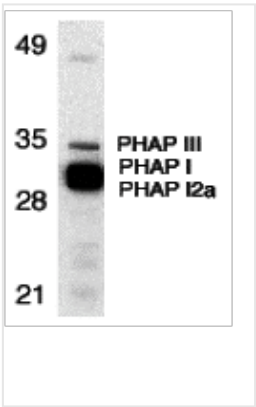
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PHAP Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	249
Applicable Applications for anti-ANP32A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PHAP antibody was raised with a synthetic peptide corresponding to amino acids at amino terminus of human PHAP.
Buffer	PHAP Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PHAP antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of PHAP in Raji cells with PHAP antibody at 1 μg/mL.



WB (Western Blot)
Western blot analysis of PHAP expression in human Raji cell lysate with PHAP antibody at 1 μg/mL. The wide and strong band below PHAP III is a doublet composed of PHAP I (upper) and PHAP I2a (lower).

ADDITIONAL INFORMATION

Related Product Information for anti-ANP32A antibody	PHAP Antibody: Apoptosis is related to many diseases and development. Caspase-9 plays a central role in cell death induced by a variety of apoptosis activators. Cytochrome c, after released from mitochondria, binds to Apaf-1, which forms an apoptosome that in turn binds to and activate procaspase-9. Activated caspase-9 cleaves and activates the effector caspases (caspase-3, -6 and -7), which are responsible for the proteolytic cleavage of many key proteins in apoptosis. The tumor suppressor putative HLA-DR-associated proteins (PHAPs) were recently identified as important regulators of mitochondrion apoptosis. PHAP appears to facilitate apoptosome-mediated caspase-9 activation and to stimulate the mitochondrial apoptotic pathway. PHAP was also shown to oppose both Ras- and Myc-mediated cell transformation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	730318
NCBI GeneID	8125
UniProt Accession #	P39687; Q53FK4; Q5J8L8; Q7M4N6; B2R6T4
Molecular Weight	28,585 Da
NCBI Official Full Name	Acidic leucine-rich nuclear phosphoprotein 32 family member A
NCBI Official Synonym Full Names	acidic (leucine-rich) 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; mapmodulin; hepatopietin Cn; acidic nuclear phosphoprotein pp32; leucine-rich acidic nuclear protein; putative HLA-DR-associated protein I; inhibitor-1 of protein phosphatase-2A; cerebellar leucine rich acidic nuclear protein; putative human HLA class II associated protein I; potent heat-stable protein phosphatase 2A inhibitor I1PP2A
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.

