

Rabbit anti-Human, Mouse PHAP I Polyclonal Antibody | anti-PHAP I antibody

PHAP I Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304411	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

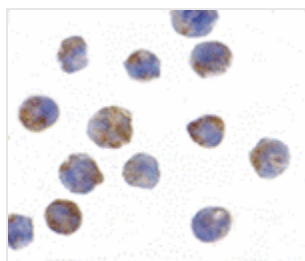
PRODUCT SYNONYMS

PHAP I; Polyclonal Antibody; PHAP I Antibody; anti-PHAP I antibody

PRODUCT SPECIFICATIONS

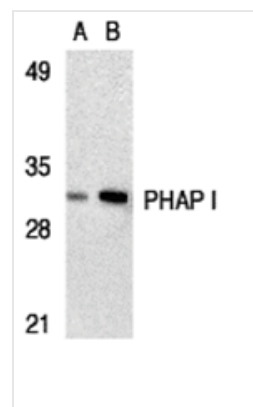
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	This polyclonal antibody has no cross-reaction to PHAP I2a and PHAP III.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	249
Applicable Applications for anti-PHAP I antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	PHAP I antibody was raised with a synthetic peptide corresponding to amino acids close to carboxy terminus of human PHAP I. This sequence is identical between human and rat PHAP I.
Target Name	PHAP I
Preparation and Storage	Can be stored at -20 degree C, stable for 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 I in Raji cells with PHAP I antibody at 2 ug/mL.



WB (Western Blot)

Western blot analysis of PHAP I expression in human Raji cell lysate with PHAP antibody I at 2 ug/mL (lane A) and 4 ug/mL (lane B), respectively.

ADDITIONAL INFORMATION

Related Product Information for anti-PHAP I 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.
Product Categories/Family for anti-PHAP I antibody	Total protein Ab

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	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; PHAP1; 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; PHAP1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phap-i-antibody-immunocytochemistry-western-blot-elisa/304411>