

Datasheet for ABIN500481

anti-PHAP1 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	PHAP1 (ANP32A)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	PHAP antibody was raised with a synthetic peptide corresponding to amino acids at carboxy terminus of human PHAP I.
Isotype:	IgG
Specificity:	This antibody detects ANP32A at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	PHAP1 (ANP32A)
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Target Details

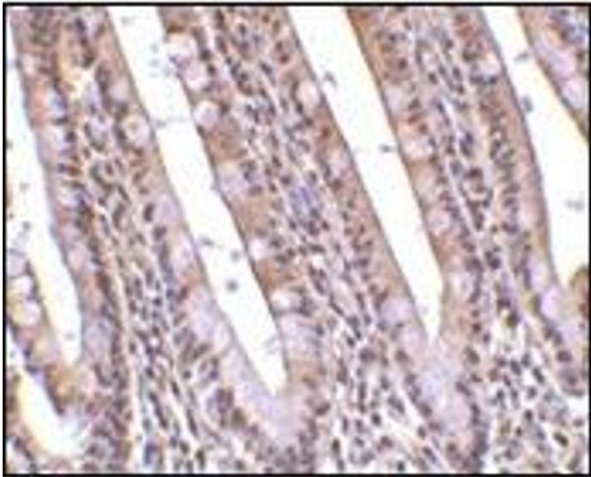
Alternative Name:	ANP32A (ANP32A Products)
Background:	<p>Apoptosis is related to many diseases and development. Caspase-9 plays a central role in cell death induced by a variety of apoptosis activators. Cytochrome c, after released from mitochondria, binds to Apaf-1, which forms an apoptosome that in 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 (1). 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. Synonyms: Acidic leucine-rich nuclear phosphoprotein 32 family member A, Acidic nuclear phosphoprotein pp32, C15orf1, LANP, Leucine-rich acidic nuclear protein, MAPM, Mapmodulin, PHAP1, Potent heat-stable protein phosphatase 2A inhibitor I1PP2A, Putative HLA-DR-associated protein I</p>
Gene ID:	8125
UniProt:	P39687

Application Details

Application Notes:	<p>ELISA. Western blot. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

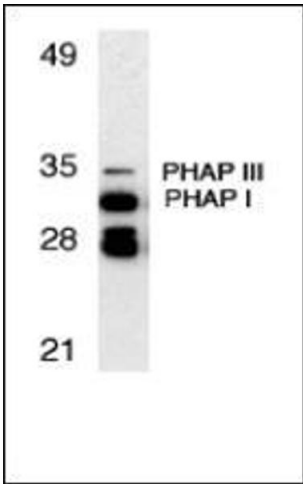
Handling

Buffer:	PBS containing 0.02 % sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of PHAP in human small intestine tissue with this product at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of PHAP expression in human Raji cell lysate with this product at 1 µg/ml. The two bands Below: PHAP I might be differently spliced isoforms of PHAP.