

Datasheet for ABIN500487  
**anti-ANP32E antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	ANP32E
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANP32E antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	ANP32E antibody was raised with a synthetic peptide corresponding to amino acids close to carboxy terminus of human ANP32E / PHAP III.
Isotype:	IgG
Specificity:	This antibody detects ANP32E / PHAP III. It has no cross-reaction to PHAP I and PHAP I2a.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

## Target Details

Target:	ANP32E
---------	--------

## Target Details

Alternative Name:	ANP32E ( <a href="#">ANP32E Products</a> )
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 E, LANP-L, LANP-like protein, LANPL, PHAP III</p>
Gene ID:	81611
NCBI Accession:	<a href="#">NP_112182</a>
UniProt:	<a href="#">Q9BTT0</a>

## Application Details

Application Notes:	<p>ELISA. Western blot: 0.5 to 2 µg/mL, a band at approximately 35 kDa can be detected.</p> <p>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

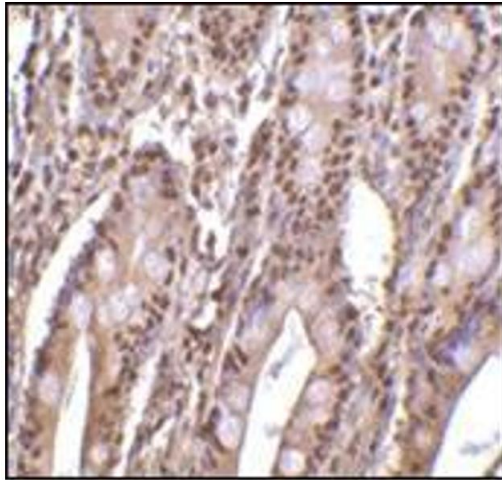
## Handling

Concentration:	1 mg/mL
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

## Handling

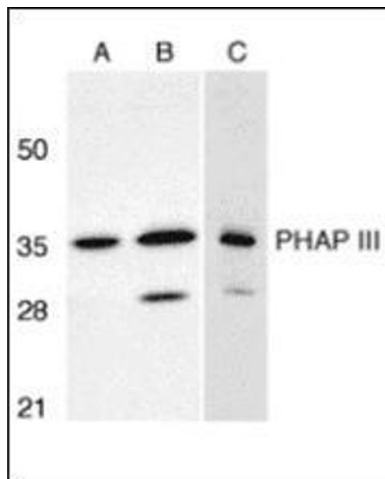
Storage Comment: Store the antibody at 2-8 °C for up to one month or (in aliquots) at -20 °C for longer.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of PHAP III in human small intestine tissue with this product at 2 µg/ml.



### Western Blotting

**Image 2.** Western blot analysis of PHAP III expression in human A549 (A) and HepG2 (B) cells, and rat testis (C) with this product at 1 µg/ml.