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## Datasheet for ABIN6990425 anti-PHAP III antibody (C-Term)

### Overview

Quantity:	0.1 mg
Target:	PHAP III
Binding Specificity:	AA 200-250, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHAP III antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	PHAP III antibody was raised with a synthetic peptide corresponding to amino acids close to carboxy terminus of human PHAP III. The immunogen is located within amino acids 200 - 250 of PHAP III.
Isotype:	IgG
Specificity:	PHAP III has no cross-reaction to PHAP I and PHAP I2a.
Purification:	PHAP III Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	PHAP III
Abstract:	<a href="#">PHAP III Products</a>

## Target Details

**Background:** PHAP III 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.

**Molecular Weight:** 35 kDa

**Gene ID:** 81611

**NCBI Accession:** [NP\\_112182](#)

**UniProt:** [Q9BTT0](#)

## Application Details

**Application Notes:** PHAP III antibody can be used for detection of PHAP III by Western blot at 1 µg/mL. A band at approximately 35 kDa can be detected. Antibody can also be used for immunohistochemistry starting at 2 µg/mL. For immunofluorescence start at 10 µg/mL.

Antibody validated: Western Blot in human and rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** PHAP III Antibody is supplied in 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

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Storage:	-20 °C, 4 °C
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Storage Comment:	PHAP III antibody can be stored at 4°C for three months and -20°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.
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