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Datasheet for ABIN6990427
anti-PHAP I antibody (C-Term)

Overview

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

Product Details

Immunogen:	Anti-PHAP I antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human PHAP I . The immunogen is located within the last 50 amino acids of PHAP I.
Isotype:	IgG
Specificity:	This polyclonal antibody has no cross-reaction to PHAP I2a and PHAP III.
Purification:	PHAP I Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PHAP I
Abstract:	PHAP I Products

Target Details

Background: 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.

Molecular Weight: Predicted: 29kD
Observed: 29 kD kDa

Gene ID: 8125

UniProt: [P39687](#)

Application Details

Application Notes: WB: 1 µg/mL, IHC: 2 µg/mL, IF: 20 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PHAP I 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.

Storage: -20 °C, 4 °C

Handling

Storage Comment: PHAP I 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.