

## PHAP Antibody

Catalog No: #24199

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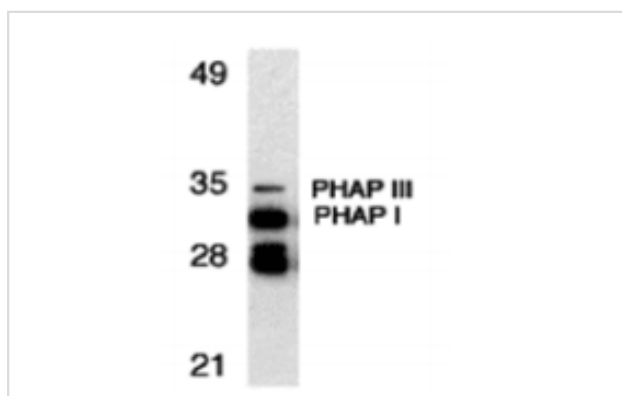
## Description

Product Name	PHAP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	PHAP Antibody is DEAE purified.
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	PHAP antibody was raised with a synthetic peptide corresponding to amino acids at carboxy terminus of human PHAP I.
Target Name	PHAP
Accession No.	P39687
Uniprot	P39687
GeneID	8125;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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.

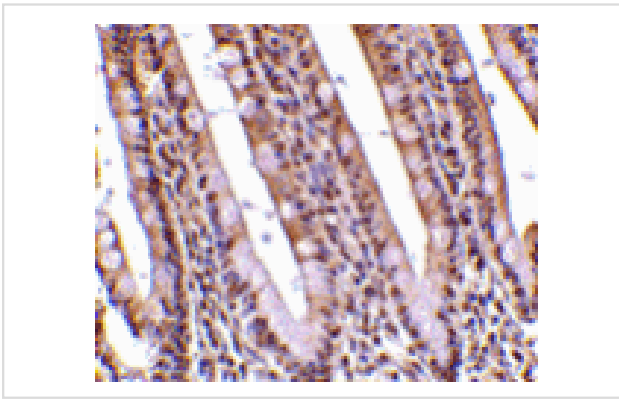
## Application Details

Predicted MW: 35 kd

## Images



Western blot analysis of PHAP expression in human Raji cell lysate with PHAP antibody at 1 ug/mL.



Immunohistochemistry of PHAP in human small intestine tissue with PHAP antibody at 10 ug/mL.

## Background

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.

Note: This product is for in vitro research use only