

PHAP III Antibody

Catalog No: #24196

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

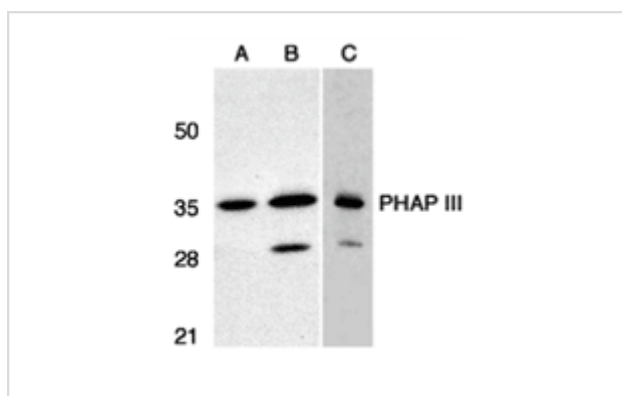
Description

Product Name	PHAP III Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	PHAP III has no cross-reaction to PHAP I and PHAP I2a.
Immunogen Type	Peptide
Immunogen Description	PHAP III antibody was raised with a synthetic peptide corresponding to amino acids close to carboxy terminus of human PHAP III.
Target Name	PHAP III
Accession No.	Swiss-Prot:Q9BTT0Gene ID:81611
Uniprot	Q9BTT0
GeneID	81611;
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.

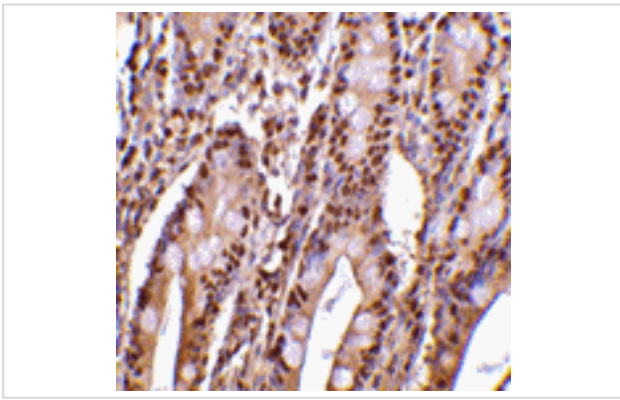
Application Details

Predicted MW: 35 kd

Images



Western blot analysis of PHAP III expression in human A549 (A) and HepG2 (B) cells, and rat testis (C) with PHAP antibody III at 1 ug/mL.



Immunohistochemistry of PHAP III in human small intestine tissue with PHAP III antibody at 2 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