

For Research Use Only

# DAPK1 Polyclonal antibody

Catalog Number: 19938-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 19938-1-AP	<b>GenBank Accession Number:</b> NM_004938	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1612	<b>GeneID (NCBI):</b> 1612	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:100-1:400
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P53355	
<b>Isotype:</b> IgG	<b>Full Name:</b> death-associated protein kinase 1	
	<b>Calculated MW:</b> 160 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, IHC : human small intestine tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

DAPK1, also named DAPK, belongs to the protein kinase superfamily; CAMK Ser/Thr protein kinase family and DAP kinase subfamily. DAPK1 is a calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis. It catalyzes the reaction: ATP + a protein = ADP + a phosphoprotein. The antibody recognizes isoform1 of DAPK1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chung-Hsiang Liu	38020550	J Tradit Complement Med	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

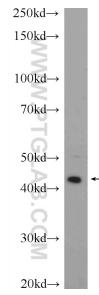
T: 4006900926

E: Proteintech-CN@ptglab.com

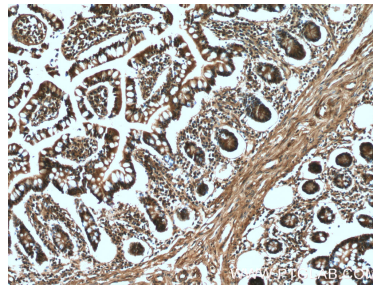
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

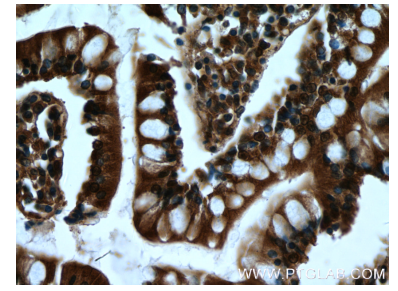
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 19938-1-AP (DAPK1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19938-1-AP (DAPK1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19938-1-AP (DAPK1 Antibody) at dilution of 1:200 (under 40x lens).