

For Research Use Only

# DAPK1 Polyclonal antibody

Catalog Number: 19938-1-AP

1 Publications



## Basic Information

Catalog Number:

19938-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_004938

GeneID (NCBI):

1612

UNIPROT ID:

P53355

Full Name:

death-associated protein kinase 1

Calculated MW:

160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:100-1:400

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HepG2 cells,

IHC : human small intestine tissue,

## 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

\*\*\* 20ul sizes contain 0.1% BSA

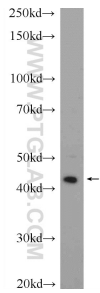
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

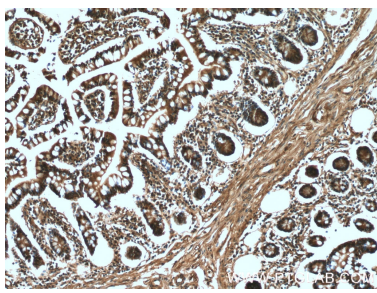
E: proteintech@ptglab.com  
W: ptglab.com

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

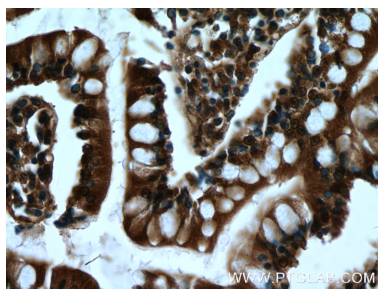
Selected Validation Data



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).