

For Research Use Only

DAPK1 Polyclonal antibody

Catalog Number: 25136-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number: 25136-1-AP	GenBank Accession Number: BC113660	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 1612	Recommended Dilutions: WB 1:500-1:1000 IHC 1:100-1:400 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P53355	
Isotype: IgG	Full Name: death-associated protein kinase 1	
Immunogen Catalog Number: AG18387	Calculated MW: 1430 aa, 160 kDa	
	Observed MW: 140-160 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A549 cells, IHC : human small intestine tissue, IF/ICC : A549 cells,
Cited Applications: WB, IHC, IF, CoIP	
Species Specificity: human	
Cited Species: human, mouse, rat, goat	

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

Background Information

DAPK1(Death-associated protein kinase 1) is a stress-activated tumor suppressor protein that plays a role in both proapoptotic or antiapoptotic signal transduction pathways. Loss of DAPK1 expression is associated with a selective advantage for tumor cells to resist apoptotic stimuli, allowing them to separate from the original tumor; from this point of view, DAPK1 could be considered a tumor metastases inhibitor gene(PMID:17319784). This protein has 3 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhengshuai Song	33201837	Aging (Albany NY)	WB, IF, IHC
Zhiwei Kong	33182520	Animals (Basel)	WB
Wentong Li	34348268	Cells Tissues Organs	WB

Storage

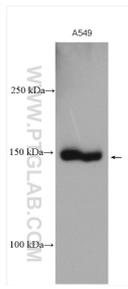
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

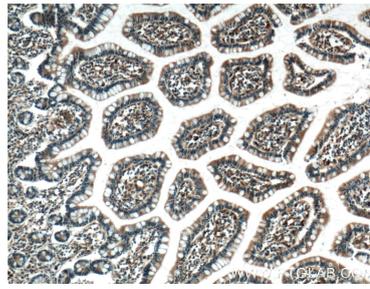
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

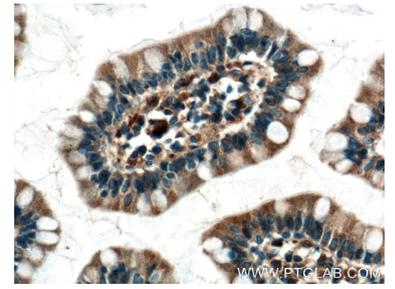
Selected Validation Data



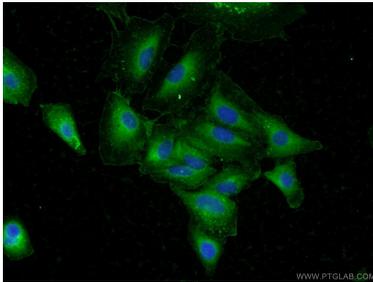
A549 cells were subjected to SDS PAGE followed by western blot with 25136-1-AP (DAPK1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 25136-1-AP (DAPK1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 25136-1-AP (DAPK1 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of A549 cells using 25136-1-AP (DAPK1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).