

For Research Use Only

DAPK2-Specific Polyclonal antibody



Catalog Number: 20048-1-AP

Featured Product

Basic Information

Catalog Number: 20048-1-AP	GenBank Accession Number: NM_014326	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23604	Recommended Dilutions: WB 1:1000-1:5000 IF 1:10-1:100
Source: Rabbit	Full Name: death-associated protein kinase 2	
Isotype: IgG	Calculated MW: 43 kDa	
	Observed MW: 38-43 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HeLa cells, A431 cells, HepG2 cells
Species Specificity: human, mouse	IF : A375 cells,

Background Information

DAPK2, also named as DRP-1, belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and DAP kinase subfamily. DAPK2 is a calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis. DAPK2 catalyzes the reaction: ATP + a protein = ADP + a phosphoprotein. The antibody is specific to DAPK2.

Storage

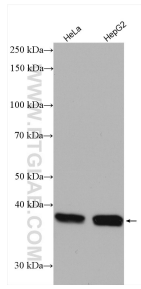
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

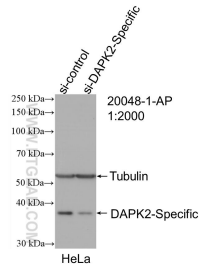
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

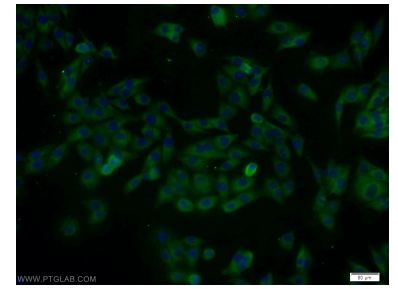
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



WB result of DAPK2-Specific antibody (20048-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DAPK2-Specific transfected HeLa cells.



Immunofluorescent analysis of A375 cells using 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).