

For Research Use Only

DAPK2-Specific Polyclonal antibody

Catalog Number: 20048-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

20048-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_014326

GeneID (NCBI):

23604

UNIPROT ID:

Q9UIK4

Full Name:

death-associated protein kinase 2

Calculated MW:

43 kDa

Observed MW:

38-43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : HeLa cells, A431 cells, HepG2 cells

IF/ICC : 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Wang	38817872	J Cancer	WB,IHC

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

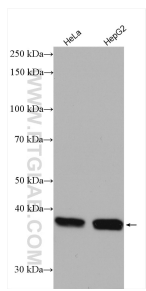
For technical support and original validation data for this product please contact:

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

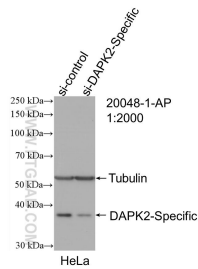
E: proteintech@ptglab.com
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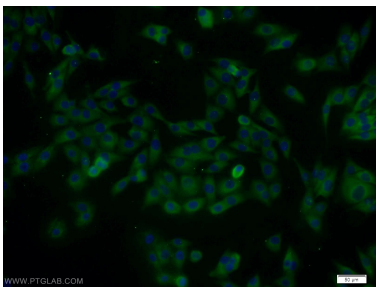
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20048-1-AP (DAK2-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 (DAK2-Specific antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).