

For Research Use Only

DAPK2-Specific Polyclonal antibody, PBS Only

Catalog Number: 20048-1-PBS

Featured Product



Basic Information

Catalog Number:

20048-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

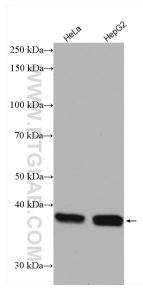
For technical support and original validation data for this product please contact:

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

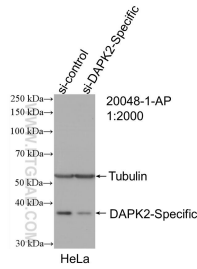
E: proteintech@ptglab.com
W: ptglab.com

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

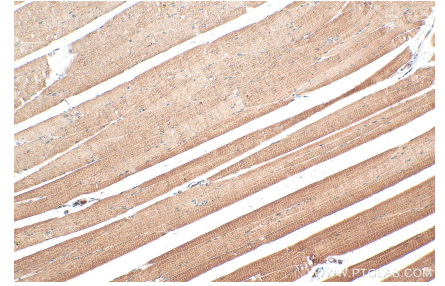
Selected Validation Data



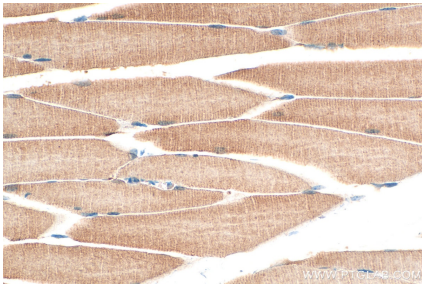
Various lysates were subjected to SDS PAGE followed by western blot with 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



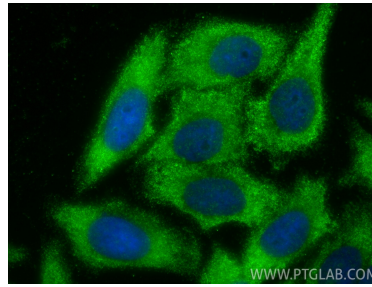
WB result of DAPK2-Specific antibody (20048-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DAPK2-Specific transfected HeLa cells. This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DAPK2-Specific antibody (20048-1-AP) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.