

For Research Use Only

# DAPK2-Specific Polyclonal antibody, PBS Only

Catalog Number: 20048-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

20048-1-PBS

**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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**

PBS only, pH7.3

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

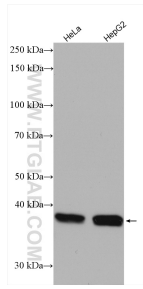
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

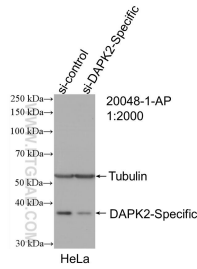
W: [ptgcn.com](http://ptgcn.com)

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

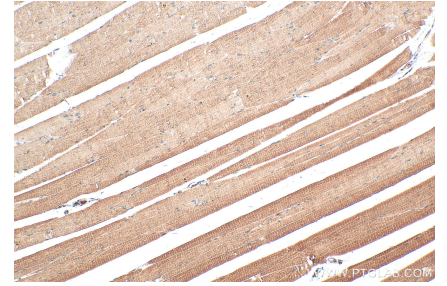
## Selected Validation Data



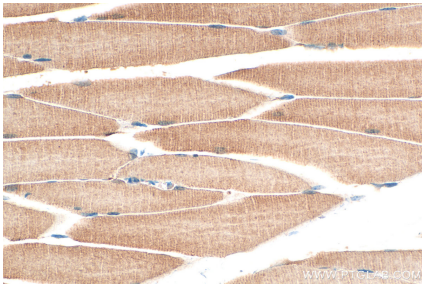
Various lysates were subjected to SDS PAGE followed by western blot with 20048-1-AP (DAPK2-Specific antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



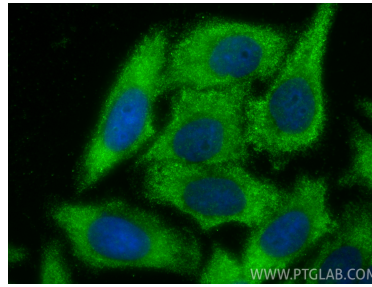
WB result of DAPK2-Specific antibody (20048-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DAPK2-Specific transfected HeLa cells. This data was developed using the same antibody clone with 20048-1-PBS in a different storage buffer formulation.



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.