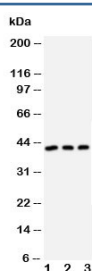


## DAPK2 Antibody (R30635)

Catalog No.	Formulation	Size
R30635	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q9UIK4
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This DAPK2 antibody is available for research use only.



Western blot testing of DAPK2 antibody and Lane 1: U87; 2: MCF-7; 3: SMMC-7721 cell lysate

## Description

Death-associated protein kinase 2, also called DAP kinase related protein 1 (DRP-1), is an enzyme that in humans is encoded by the DAPK2 gene. This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1(DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. The DAPK2 mRNA may undergo alternative splicing to produce a DAPK3-like encoding transcript.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the DAPK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human DAPK2 (DNQQAMVRRESVVNLENFRK) was used as the immunogen for this DAPK2 antibody.

## Storage

After reconstitution, the DAPK2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.