

## Anti-DAP Kinase 2/DAPK2 Antibody

Catalog Number: PA1558

### About DAPK2

Death-associated protein kinase 2 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.

### Overview

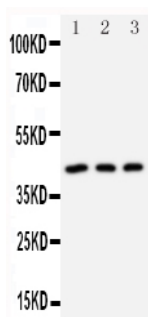
Product Name	Anti-DAP Kinase 2/DAPK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DAP Kinase 2/DAPK2 Antibody catalog # PA1558. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UIK4

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human DAP Kinase 2, different from the related mouse and rat sequences by two amino acids.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse</p>

## Anti-DAP Kinase 2/DAPK2 Antibody (PA1558) Images



Anti-DAP Kinase 2 antibody, PA1558, Western blotting  
All lanes: Anti DAP Kinase 2 (PA1558) at 0.5ug/ml  
Lane 1: U87 Whole Cell Lysate at 40ug  
Lane 2: MCF-7 Whole Cell Lysate at 40ug  
Lane 3: SMMC Whole Cell Lysate at 40ug  
Predicted bind size: 43KD  
Observed bind size: 43KD

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