BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DAP Kinase 2/DAPK2 Antibody Picoband®

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.

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Overview

Product Name	Anti-DAP Kinase 2/DAPK2 Antibody Picoband®
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. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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

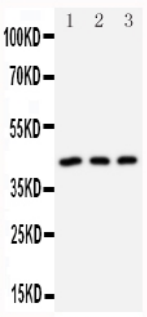
Technical Details

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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.
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	Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse

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



Anti-DAP Kinase 2 antibody, PA1558, Western blottingAll 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

Anti-DAP Kinase 2/DAPK2 Antibody

For Research Use Only. Not for use in diagnostic procedures.