BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-JDP2 Antibody Picoband®

Catalog Number: A04870-2

About JDP2

Jun dimerization protein 2 (JUNDM2) is a protein that in humans is encoded by the JDP2 gene. Mouse Jdp2 is an inhibitory subunit of the differentiation regulatory factor (DRF) complex. Jdp2 repressed retinoic acid-induced transcription of the Jun gene by recruiting a histone deacetylase-3 -containing complex to the differentiation response element (DRE) of the Jun promoter. Expression of JDP2 was reduced in several human cancers compared with matched normal tissues. Human JDP2 has antitumorigenic properties.

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Overview

Product Name	Anti-JDP2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-JDP2 Antibody Picoband® catalog # A04870-2. Tested in ELISA, WB applications. This antibody reacts with Human. 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	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage Instructions	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 freezing and thawing.
Host	Rabbit
Uniprot ID	Q8WYK2

Technical Details

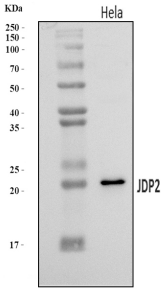
Immunogen	E.coli-derived human JDP2 recombinant protein (Position: E33-K163).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.

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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, 0.25-0.5 ug/ml, Human ELISA, 0.1-0.5 ug/ml, -

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Anti-JDP2 Antibody Picoband® (A04870-2) Images



Western blot analysis of JDP2 using anti-JDP2 antibody (A04870-2). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-JDP2 antigen affinity purified polyclonal antibody (Catalog # A04870-2) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for JDP2 at approximately 19 kDa. The expected band size for JDP2 is at 19 kDa.

Anti-JDP2 Antibody

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