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Anti-Cdc37 Antibody Picoband®

Catalog Number: PA2139

About CDC37

Hsp90 co-chaperone Cdc37, also called P50CDC37 is a protein that in humans is encoded by the CDC37 gene. The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of Sacchromyces cerevisiae. This gene is mapped to 19p13.2. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is though to play a critical role in directing Hsp90 to its target kinases.

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Overview

Product Name	Anti-Cdc37 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Cdc37 Antibody catalog # PA2139. Tested in 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	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	Q16543

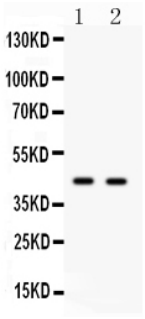
Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cdc37, different from the related mouse sequence by two amino acids, and from the related rat sequence by three 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

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Anti-Cdc37 Antibody Picoband® (PA2139) Images



Anti-Cdc37 antibody, PA2139, Western blottingAll lanes: Anti Cdc37(PA2139) at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: 293T Whole Cell Lysate at 40ugPredicted bind size: 44KDObserved bind size: 44KD

4 Publications Citing This Product

1. PubMed ID: 23919426, Zhao Z, Miao Y, Pan P, Cheng B, Bai G, Wu H. Bmc Complement Altern Med. 2013 Aug 6;13:206. Doi: 10.1186/1472-6882-13-206. Qingfei Xiaoyan Wan Alleviates Asthma Through Multi-Target Network Regulation.

2. PubMed ID: 21346199, Jiang Q, Wang Y, Li T, Shi K, Li Z, Ma Y, Li F, Luo H, Yang Y, Xu C. Mol Biol Cell. 2011 Apr 15;22(8):1167-80. Doi: 10.1091/Mbc.E10-10-0860. Epub 2011 Feb 23. Heat Shock Protein 90-Mediated Inactivation Of Nuclear Factor-??b Switches Autophagy To ...

3. PubMed ID: 29404146, Serum Heat Shock Protein Levels and the Relationship of Heat Shock Proteins with Various Parameters in Chronic Obstructive Pulmonary Disease Patients

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