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

Anti-HIPK4 Antibody Picoband®

Catalog Number: A12886-1

About HIPK4

This gene encodes a member of the homeodomain interacting protein kinase (HIPK) family of proteins. While other members of this family are found throughout vertebrates, this member is present only in mammals. Compared to other members of this family, the encoded protein lacks a nuclear localization signal and a C-terminal autoinhibitory domain. The encoded protein exhibits kinase activity and may phosphorylate the tumor suppressor protein p53.

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Overview

Product Name	Anti-HIPK4 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HIPK4 Antibody Picoband® catalog # A12886-1. Tested in WB, ELISA 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	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	Q8NE63

Technical Details

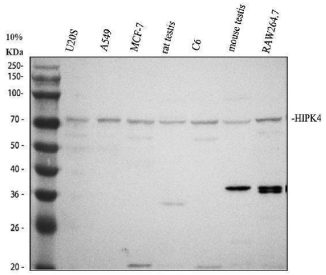
Immunogen	E.coli-derived human HIPK4 recombinant protein (Position: K43-H616).
Form	Lyophilized

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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, Mouse, Rat ELISA, 0.1-0.5 ug/ml

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Anti-HIPK4 Antibody Picoband® (A12886-1) Images



Western blot analysis of HIPK4 using anti-HIPK4 antibody (A12886-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human U2OS whole cell lysates, Lane 2: human A549 whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: rat testis tissue lysates, Lane 5: rat C6 whole cell lysates, Lane 6: mouse testis tissue lysates, Lane 7: mouse RAW264.7 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-HIPK4 antigen affinity purified polyclonal antibody (A12886-1) 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for HIPK4 at approximately 72 kDa. The expected band size for HIPK4 is at 69 kDa.

Anti-HIPK4 Antibody

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