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

Anti-PHLPP2 Antibody Picoband®

Catalog Number: A04110-1

About PHLPP2

Predicted to enable metal ion binding activity and phosphoprotein phosphatase activity. Predicted to be involved in intracellular signal transduction. Located in several cellular components, including cilium; intercellular bridge; and mitotic spindle.

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Overview

Product Name	Anti-PHLPP2 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PHLPP2 Antibody Picoband® catalog # A04110-1. 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 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	Q6ZVD8

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human PHLPP2. Human PHLPP2 shares 95.7% amino acid (aa) sequence identity with mouse PHLPP2.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat

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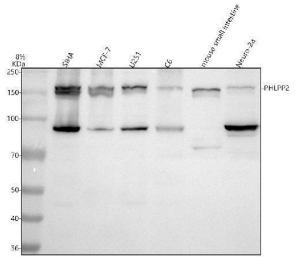
Anti-PHLPP2 Antibody Picoband® (A04110-1) Images



Western blot analysis of PHLPP2 using anti-PHLPP2 antibody (A04110-1). Electrophoresis was performed on a 8% 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 SIHA whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human U251 whole cell lysates, Lane 4: rat C6 whole cell lysates, Lane 5: mouse small intestine tissue lysates, Lane 6: mouse Neuro-2a 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-PHLPP2 antigen affinity purified polyclonal antibody (A04110-1) 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 PHLPP2 at approximately 147 kDa. The expected band size for PHLPP2 is at 147 kDa.

Anti-PHLPP2 Antibody

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