

Anti-PRR9 Antibody Picoband®

Catalog Number: A14833

About PRR9

Proline rich 9 is a protein that in humans is encoded by the PRR9 gene. PRR9 is pseudo-response regulator. It involved in clock function. PRR7 and PRR9 are partially redundant essential components of a temperature-sensitive circadian system.

Overview

Product Name	Anti-PRR9 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PRR9 Antibody Picoband® catalog # A14833. Tested in WB applications. This antibody reacts with Human, Mouse. 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 Na ₂ HPO ₄ .
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	Q5T870

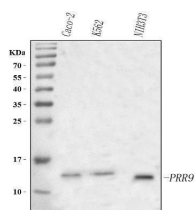
Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human PRR9, which shares 82.6% amino acid (aa) sequence identity with mouse PRR9.
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 µg/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 0.25-0.5 µg/ml, Human, Mouse

Anti-PRR9 Antibody Picoband® (A14833) Images



Western blot analysis of PRR9 using anti-PRR9 antibody (A14833). 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 Caco-2 whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: mouse NIH/3T3 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-PRR9 antigen affinity purified polyclonal antibody (Catalog # A14833) 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 PRR9 at approximately 13 kDa. The expected band size for PRR9 is at 13 kDa.

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Anti-PRR9 Antibody

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