

Anti-PGLYRP1 Antibody Picoband®

Catalog Number: A05914-2

About PGLYRP1

Predicted to enable several functions, including Hsp70 protein binding activity; peptidoglycan binding activity; and peptidoglycan immune receptor activity. Acts upstream of or within several processes, including negative regulation of inflammatory response; negative regulation of natural killer cell differentiation involved in immune response; and negative regulation of type II interferon production. Predicted to be located in cytoplasm. Predicted to be active in extracellular space. Is expressed in alimentary system; craniocervical region bone; genitourinary system; liver; and respiratory system. Orthologous to human PGLYRP1 (peptidoglycan recognition protein 1).

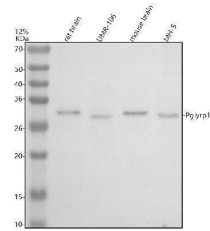
Overview

Product Name	Anti-PGLYRP1 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-PGLYRP1 Antibody Picoband® catalog # A05914-2. Tested in WB applications. This antibody reacts with 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 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	O88593

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse PGLYRP1. Mouse PGLYRP1 shares 64.3% and 80% amino acid (aa) sequence identity with human and rat PGLYRP1, respectively.
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, Mouse, Rat

Anti-PGLYRP1 Antibody Picoband® (A05914-2) Images



Western blot analysis of PGLYRP1 using anti-PGLYRP1 antibody (A05914-2). Electrophoresis was performed on a 12% 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: rat brain tissue lysates, Lane 2: rat UMR-106 whole cell lysates, Lane 3: mouse brain tissue lysates, Lane 4: mouse MH-5 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-PGLYRP1 antigen affinity purified polyclonal antibody (A05914-2) 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for PGLYRP1 at approximately 30 kDa. The expected band size for PGLYRP1 is at 22 kDa.

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Anti-PGLYRP1 Antibody

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