BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PARP9 Antibody Picoband®

Catalog Number: A08508-1

About PARP9

Poly (ADP-ribosyl)ation is a post-translational modification of proteins mediated by one of the 17 members of the poly (ADP-ribose) polymerases (PARP). PARP-9 belongs to the subfamily of macroPARPs, associating one to three macro domains to the PARP domain. Overexpression of PARP-9 stimulates cell migration in vitro, suggesting a role for PARP-9 in the promotion of malignant B cell migration and dissemination in high risk DLBCL. PARP-9 is also likely a transcription coactivator, its overexpression in B lymphocytes, stimulated by IFNgamma, inducing the transcription of IFNgamma-controlled genes.

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Overview

Product Name	Anti-PARP9 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PARP9 Antibody Picoband® catalog # A08508-1. Tested in ELISA, 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	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl and 0.2mg Na2HPO4.
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	Q8IXQ6

Technical Details

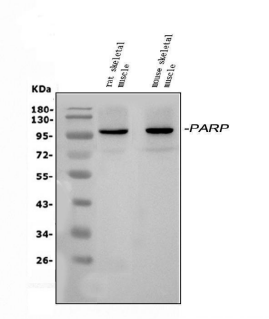
Immunogen	E.coli-derived human PARP9 recombinant protein (Position: R117-E824).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western

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	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, 0.25-0.5ug/ml, Mouse, Rat ELISA, 0.1-0.5ug/ml, -

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Anti-PARP9 Antibody Picoband® (A08508-1) Images



Western blot analysis of PARP9 using anti-PARP9 antibody (A08508-1). 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: rat skeletal muscle tissue lysates, Lane 2: mouse skeletal muscle tissue 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-PARP9 antigen affinity purified polyclonal antibody (Catalog # A08508-1) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for PARP9 at approximately 96 kDa. The expected band size for PARP9 is at 96 kDa.

Anti-PARP9 Antibody

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