

Anti-NRAP Antibody Picoband®

Catalog Number: A09321-1

About NRAP

NRAP may be involved in anchoring the terminal actin filaments in the myofibril to the membrane and in transmitting tension from the myofibrils to the extracellular matrix.

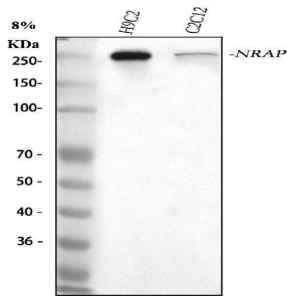
Overview

Product Name	Anti-NRAP Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NRAP Antibody Picoband® catalog # A09321-1. 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 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	Q86VF7

Technical Details

Immunogen	E.coli-derived human NRAP recombinant protein (Position: M1-K1513). Human NRAP shares 86.8% amino acid (aa) sequence identity with mouse NRAP.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
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, Mouse, Rat ELISA, 0.1-0.5 µg/ml, -

Anti-NRAP Antibody Picoband® (A09321-1) Images



Western blot analysis of NRAP using anti-NRAP antibody (A09321-1). 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 H9C2 whole cell lysates, Lane 2: mouse C2C12 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-NRAP antigen affinity purified polyclonal antibody (Catalog # A09321-1) 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 NRAP at approximately 250 kDa. The expected band size for NRAP is at 197 kDa.

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Anti-NRAP Antibody

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