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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NRG1 Antibody Picoband®

Catalog Number: PB9299

About NRG1

The protein encoded by this gene is a membrane glycoprotein that that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD).

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Overview

Product Name	Anti-NRG1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-NRG1 Antibody Picoband® catalog # PB9299. Tested in WB applications. This antibody reacts with Human. 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 antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na2HPO4, and 0.05 mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Q02297

Technical Details

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Immunogen	E.coli-derived human NRG1 recombinant protein (Position: S2-K241). Human NRG1 shares 94% amino acid (aa) sequence identity with rat NRG1.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
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, 0.1-0.5ug/ml, Human

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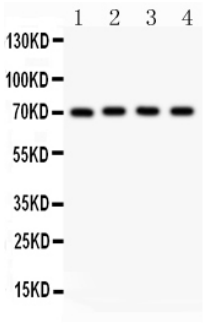
Anti-NRG1 Antibody Picoband® (PB9299) Images



Anti-NRG1 Picoband antibody, PB9299, Western blottingAll lanes: Anti NRG1 (PB9299) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: SKOV Whole Cell Lysate at 40ugLane 3: 22RV1 Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 70KDObserved bind size: 70KD

1 Publications Citing This Product

1. PubMed ID: 26261541, Qiliqiangxin improves cardiac function and attenuates cardiac remodeling in rats with experimental myocardial infarction.

Visit bosterbio.com/anti-nrg1-picoband-trade-antibody-pb9299-boster.html to see all 1 publications.

Anti-NRG1 Antibody

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