

Anti-NRG1 Antibody Picoband™

Catalog Number: PB9299

About NRG1

The protein encoded by this gene is a membrane glycoprotein 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).

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.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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

Immunogen	E.coli-derived human NRG1 recombinant protein (Position: S2-K241). Human NRG1 shares 94% amino acid (aa) sequence identity with rat NRG1.
Predicted Reactive Species	Chicken
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

Anti-NRG1 Antibody Picoband™ (PB9299) Images



Anti-NRG1 Picoband antibody, PB9299, Western blotting
All lanes: Anti NRG1 (PB9299) at 0.5ug/ml
Lane 1: MCF-7 Whole Cell Lysate at 40ug
Lane 2: SKOV Whole Cell Lysate at 40ug
Lane 3: 22RV1 Whole Cell Lysate at 40ug
Lane 4: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 70KD
Observed 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.

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