

Anti-Beta-nerve growth factor NGF Antibody Picoband®

Catalog Number: RP1025

About NGF

Nerve growth factor is a polypeptide involved in the regulation of growth and differentiation of sympathetic and certain sensory neurons. the nucleotide sequence of human and mouse beta-NGF are very similar. the beta-subunits of nerve growth factor (NGFB) have been assigned to mouse chromosome 3 and human chromosome 1p22. The human gene for the beta subunit of nerve growth factor is located on the proximal short arm of chromosome 1. A mutation in the nerve growth factor beta gene (NGFB) causes loss of pain perception.

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Overview

Product Name	Anti-Beta-nerve growth factor NGF Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Beta-nerve growth factor NGF Antibody catalog # RP1025. Tested in ELISA, 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	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3. Carrier free (No BSA) form available in stock. If you want this antibody carrier free please specify "Carrier Free" or "No BSA" in your order note.
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	P01138

Technical Details

Immunogen	E. coli-derived human NGFB recombinant protein (Position: S122-A241).
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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western 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, 0.1-0.5ug/ml, Human, - ELISA, 0.1-0.5ug/ml, -

Anti-Beta-nerve growth factor NGF Antibody Picoband® (RP1025) Images



Anti-human NGF antibody, RP1025, Western blotting
Lane 1:
Recombinant Human NGFB Protein 10ng
Lane 2:
Recombinant Human NGFB Protein 5ng
Lane 3: Recombinant Human NGFB Protein 2

11 Publications Citing This Product

1. PubMed ID: 24939299, Lu QI, Liu J, Zhu XI, Xu WJ. J Huazhong Univ Sci Technolog Med Sci. 2014 Jun;34(3):359-62. Doi: 10.1007/S11596-014-1283-3. Epub 2014 Jun 18. Expression Of Nerve Growth Factor And Hypoxia Inducible Factor-1?? And Its Correlation With Angiogenesis I...
2. PubMed ID: 25042774, Li C, Ma Y, Yi K, Wang C, Li W, Liu Z, Sun L, Chen S, Yu J, Li H, Chen L, Zhou X. Anim Reprod Sci. 2014 Oct;149(3-4):117-23. Doi: 10.1016/J.Anireprosci.2014.06.030. Epub 2014 Jul 2. The Interactions Between Nerve Growth Factor And Gonadotrophins I...
3. PubMed ID: 25806073, Luo Q, Liu W, Chen J, Wang M, Zeng W, Chen Z, Cheng A. Neural Regen Res. 2012 Feb 5;7(4):302-7. Doi: 10.3969/J.Issn.1673-5374.2012.04.011. Nerve Growth Factor And Inducible Nitric Oxide Synthase Expression In The Mesencephalon And Diencephalon, As...

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