

Anti-Neurotrophin 3/NTF3 Antibody

Catalog Number: PA1062

About NTF3

Neurotrophin-3 is a member of a family of neurotrophic factors, that is closely related to both nerve growth factor and brain derived neurotrophic factor. These proteins are involved in the maintenance of the adult nervous system and affect development of neurons in the embryo when it is expressed in human placenta. NT3 deficient mice generated by gene targeting display severe movement defects of the limbs.

Overview

Product Name	Anti-Neurotrophin 3/NTF3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Neurotrophin 3/NTF3 Antibody catalog # PA1062. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 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	P20783

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Neurotrophin 3, identical to the related rat and mouse sequences.
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

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

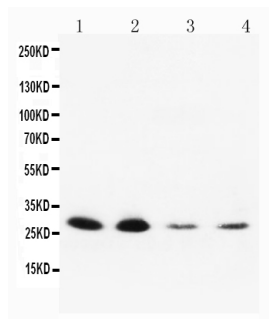
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Rat, Human, Mouse, By Heat
Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

Anti-Neurotrophin 3/NTF3 Antibody (PA1062) Images



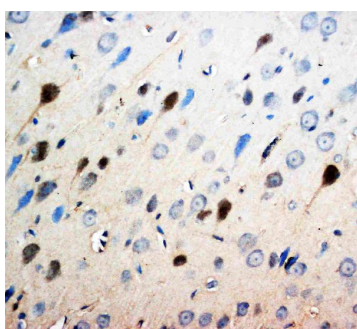
Anti-Neurotrophin 3 antibody, PA1062, Western blotting

Lane 1: Rat Brain Tissue Lysate

Lane 2: Rat Brain Tissue Lysate

Lane 3: MCF-7 Cell Lysate

Lane 4: HELA Cell Lysate



Anti-Neurotrophin 3 antibody, PA1062, IHC(P)

IHC(P): Rat Brain Tissue

1 Publications Citing This Product

1. PubMed ID: 16773039, Guo Js, Zeng Ys, Li Hb, Huang Wl, Liu Ry, Li Xb, Ding Y, Wu Lz, Cai Dz. Spinal Cord. 2007 Jan;45(1):15-24. Epub 2006 Jun 13. Cotransplant Of Neural Stem Cells And Nt-3 Gene Modified Schwann Cells Promote The Recovery Of Transected Spinal Cord Injury.

Visit bosterbio.com/anti-neurotrophin-3-antibody-pa1062-boster.html to see all 1 publications.

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