

NTF3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP7763c

Specification

NTF3 Antibody (Center) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region WB, IHC-P,E <u>P20783</u> <u>P18280, 006AV0, P20181, P25433, 008DT3</u> Human Bovine, Chicken, Mouse, Pig, Rat Rabbit Polyclonal Rabbit IgG 29355 122-151

NTF3 Antibody (Center) - Additional Information

Gene ID 4908

Other Names Neurotrophin-3, NT-3, HDNF, Nerve growth factor 2, NGF-2, Neurotrophic factor, NTF3

Target/Specificity

This NTF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-151 amino acids from the Central region of human NTF3.

Dilution WB~~1:1000 IHC-P~~1:10~50 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NTF3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NTF3 Antibody (Center) - Protein Information

Name NTF3



Function Seems to promote the survival of visceral and proprioceptive sensory neurons.

Cellular Location Secreted.

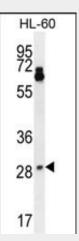
Tissue Location Brain and peripheral tissues.

NTF3 Antibody (Center) - Protocols

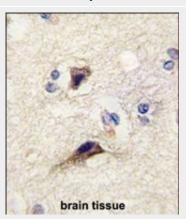
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

NTF3 Antibody (Center) - Images



NTF3 Antibody (Center) (Cat.#AP7763c) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the NTF3 antibody detected the NTF3 protein (arrow).



Formalin-fixed and paraffin-embedded human brain tissue reacted with NTF3 antibody (Center)



(Cat.#AP7763c), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

NTF3 Antibody (Center) - Background

NTF3 is a member of the neurotrophin family that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse.

NTF3 Antibody (Center) - References

Hossain,W.A., J. Neurosci. Res. 86 (11), 2376-2391 (2008) Mercader,J.M., Hum. Mol. Genet. 17 (9), 1234-1244 (2008) Kalcheim,C.,Proc. Natl. Acad. Sci. U.S.A. 89 (5), 1661-1665 (1992)