

NTF3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7763c**Specification**

NTF3 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P20783
Other Accession	P18280 , Q06AV0 , P20181 , P25433 , Q08DT3
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	29355
Antigen Region	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

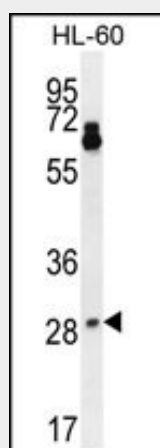
Brain and peripheral tissues.

NTF3 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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)