



Rabbit Anti-Neurotrophin 3 antibody

SL0160R

Product Name:	Neurotrophin 3
Chinese Name:	神经营养因子-3前蛋白抗体
Alias:	HDNF; MGC129711; Nerve growth factor 2; Neurotrophic factor; Neurotrophin 3 precursor; Neurotrophin-3; Neurotrophin3; NGF 2; NGF-2; NGF2; NT 3; NT-3; NT3; NTF 3; NTF3; NTF3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NT-3:19-100/258
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008].

Function:

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

Subcellular Location:

Secreted.

Tissue Specificity:

Brain and peripheral tissues.

Similarity:

Belongs to the NGF-beta family.

SWISS:

P20783

Gene ID:

4908

Database links:

[Entrez Gene: 4908](#) Human

[Entrez Gene: 18205](#) Mouse

[Entrez Gene: 81737](#) Rat

[Omim: 162660](#) Human

[SwissProt: P20783](#) Human

[SwissProt: P20181](#) Mouse

[SwissProt: P18280](#) Rat

[Unigene: 99171](#) Human

[Unigene: 267570](#) Mouse

[Unigene: 9715](#) Rat

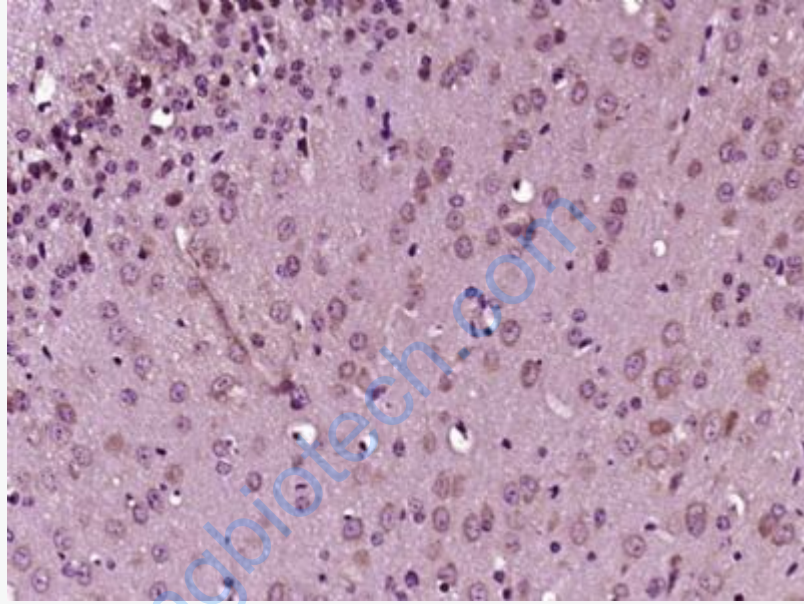
Important Note:

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

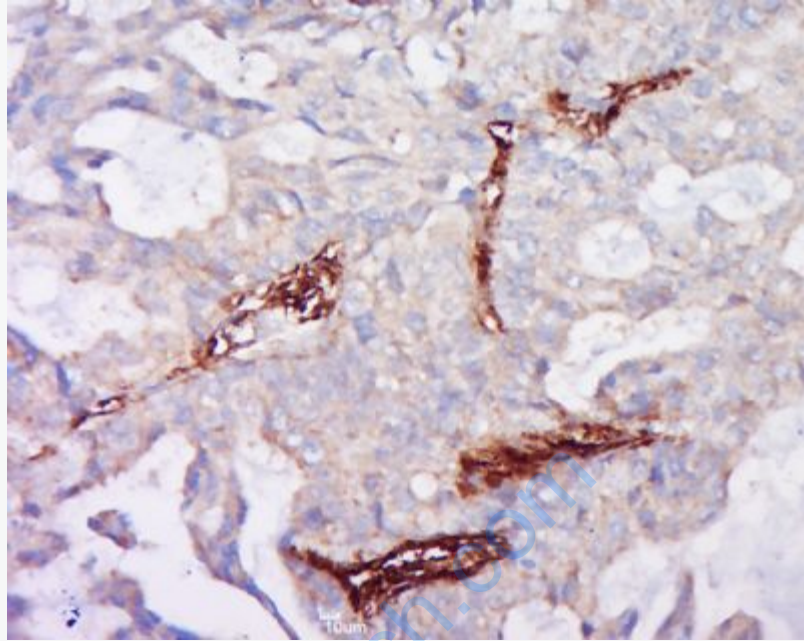
Neurobiology相关蛋白 (Neurobiology)

一种内源性神经递质, 分子量为28kDa的碱性多肽, 属神经营养蛋白家族。与NGF和BDNF具有序列同源性, 为培养的神经营养细胞的促细胞分裂剂。此抗体与NGF、BDNF无React Species。



Picture:

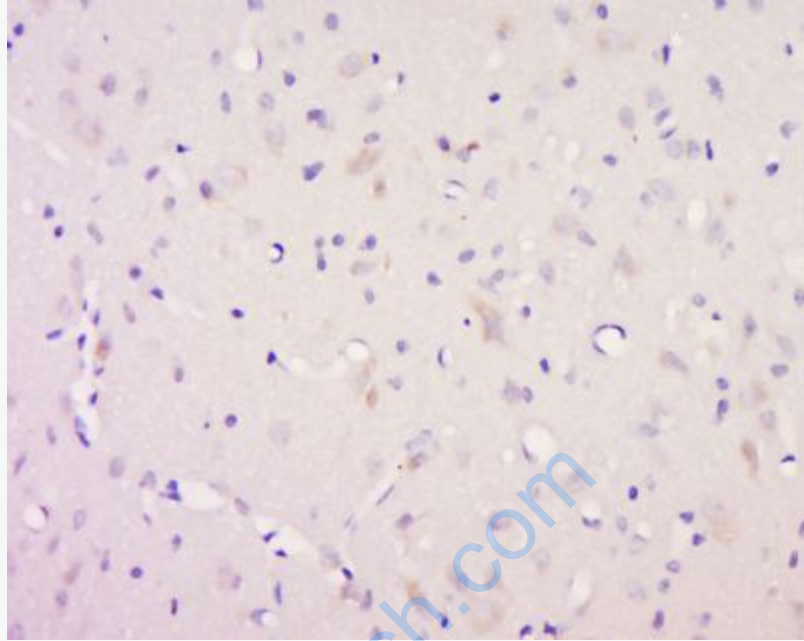
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Neurotrophin 3) Polyclonal Antibody, Unconjugated (SL0160R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-NTF3 Polyclonal Antibody, Unconjugated(SL0160R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-NTF3 Polyclonal Antibody, Unconjugated(SL0160R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining