



Rabbit Anti-Neurotrophin 3 antibody

SL21490R

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,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Neurotrophin 3:
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

[Oimim: 162660](#) Human

[SwissProt: P20783](#) Human

[SwissProt: P20181](#) Mouse

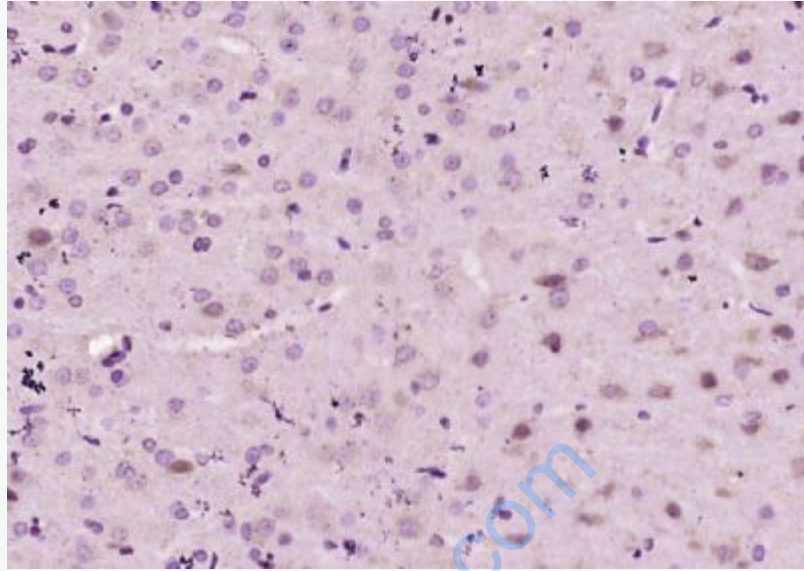
[SwissProt: P18280](#) Rat

[Unigene: 99171](#) Human

[Unigene: 267570](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); 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 (SL21490R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.