



## Rabbit Anti-NT-3 antibody

SL4724R

<b>Product Name:</b>	NT-3
<b>Chinese Name:</b>	神经营养因子3抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,
<b>Applications:</b>	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	14/28kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NT-3:101-220/258
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

	<p>一种内源型神经递质, 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, 为培养的神经营细胞的促细胞分裂剂。此抗体与NGF、BDNF无React Species。</p>
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