



Rabbit Anti-Neurotensin antibody

SL0072R

Product Name:	Neurotensin
Chinese Name:	神经降压素抗体
Alias:	Human proneurotensin; NT; NT/N; NTRH; NTS1; Proneuromedin N mRNA; NEUT_HUMAN;
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=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:	1.7/19kDa
Cellular localization:	cytoplasmicSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide (QLYENKPRRPYIL-C):
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:	Neurotensin is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also

biologically active.

Function:

Neurotensin may play an endocrine or paracrine role in the regulation of fat metabolism. It causes contraction of smooth muscle.

Subcellular Location:

Secreted. Cytoplasmic vesicle, secretory vesicle. Note=Packaged within secretory vesicles.

Similarity:

Belongs to the neurotensin family.

SWISS:

P30990

Gene ID:

4922

Database links:

[Entrez Gene: 280881](#)Cow

[Entrez Gene: 611687](#)Dog

[Entrez Gene: 4922](#)Human

[Entrez Gene: 67405](#)Mouse

[Entrez Gene: 299757](#)Rat

[Omim: 162650](#)Human

[SwissProt: P01156](#)Cow

[SwissProt: P10673](#)Dog

[SwissProt: P30990](#)Human

[SwissProt: Q9D3P9](#)Mouse

[SwissProt: P20068](#)Rat

[Unigene: 80962](#)Human

[Unigene: 64201](#)Mouse

[Unigene: 60814](#)Rat

Important Note:

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

therapeutic or diagnostic applications.

神经降压素 Neurotensin, NT

是一种具有生物活性的单链多肽，后来发现NT也存在于人及其它哺乳动物的胃肠道和其它组织中，如肾上腺髓质、甲状腺等。作为一种脑肠肽，具有神经递质、神经调质和局部激素作用。

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