

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; Large neuromedin N; Neuromedin N preproprotein; NMN 125; NMN-125; NN; Tail peptide; NN; Neurotensin/neuromedin N.
Research Area	Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	1.7/19kDa
Cellular localization	cytoplasmic Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide (QLYENKPRRPYIL-C)
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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

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。