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Neurotensin Rabbit pAb

Catalog # AP97349

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P30990
Other Accession	P30990
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19795
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Neurotensin
Epitope Specificity	101-170/170
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the neurotensin family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	4922
Other Names	NMN-125; NN; NT; NT/N; NTS1; 5033428E16Rik; NEUT_BOVIN; NTS; NEUT_CANLF; NEUT_HUMAN; NEUT_MOUSE; NEUT_RAT; neurotensin; neuromedin N; pro-neurotensin/neuromedin
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	NTS
Function	Neurotensin may play an endocrine or paracrine role in the regulation of fat metabolism. It causes contraction of smooth muscle.
Cellular Location	Secreted. Cytoplasmic vesicle, secretory vesicle. Note=Packaged within secretory vesicles

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.