

Product datasheet for **TA322528**

Neurotensin (NTS) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A549 cells IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 24-170 amino acids of human neurotensin
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	neurotensin
Database Link:	NP_006174 Entrez Gene 67405 Mouse Entrez Gene 4922 Human P30990



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Background:

This gene encodes a common precursor for two peptides; neuromedin N and neurotensin. 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.

Synonyms:

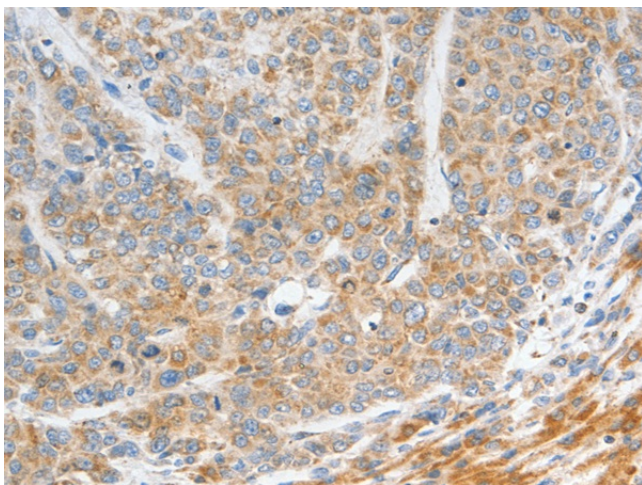
N; NMN-125; NN; NT; NTS1

Protein Families:

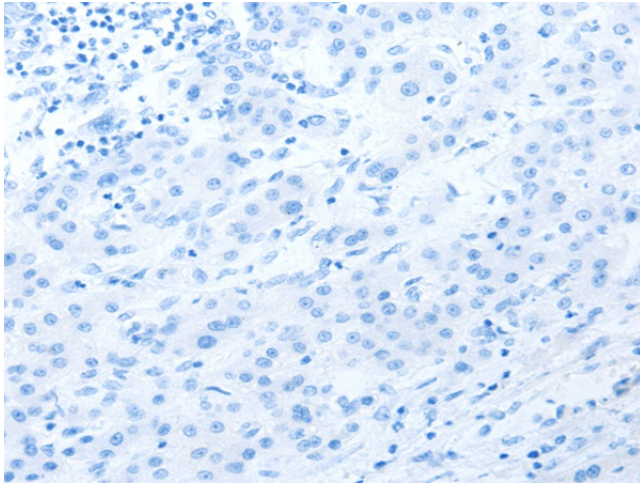
Druggable Genome, Secreted Protein

Product images:

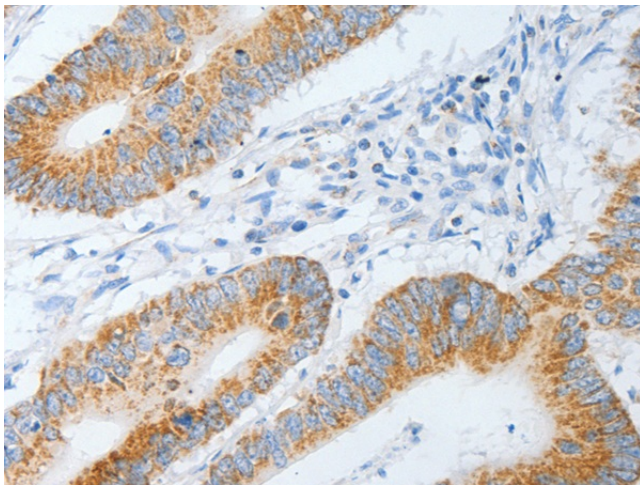
Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: A549 cells
Primary antibody: TA322528 (NTS Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



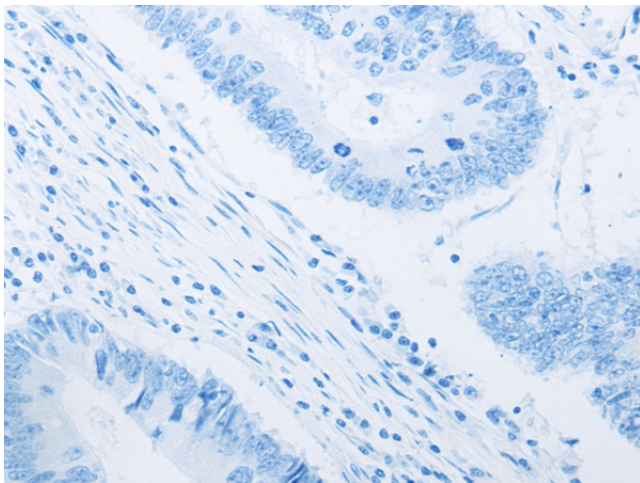
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322528 (NTS Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322528 (NTS Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322528 (NTS Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322528 (NTS Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)