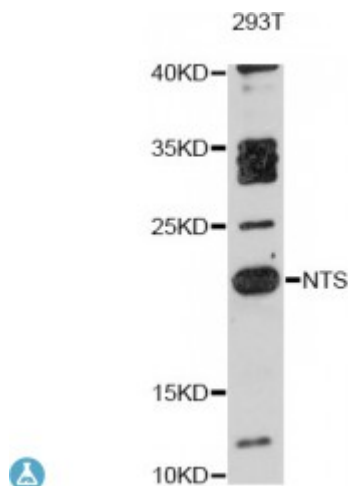


Anti-NTS Antibody



Description

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. Neurotensin also exhibits antimicrobial activity against bacteria and fungi. 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.

Model	STJ113914
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-148 of human NTS (NP_006174.1).
Gene ID	4922
Gene Symbol	NTS
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Neurotensin/neuromedin N

Molecular Weight	19.795 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8038OMIM:162650Reactome:R-HSA-375276
Alternative Names	Neurotensin/neuromedin N
Function	Neurotensin may play an endocrine or paracrine role in the regulation of fat metabolism, It causes contraction of smooth muscle
Cellular Localization	Secreted, Cytoplasmic vesicle, secretory vesicle,

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