

## Neurotensin rabbit pAb

## Cat No.:ES4265

For research use only

## Overview

Product Name	Neurotensin rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human NTS. AA range:121-170
Specificity	Neurotensin Polyclonal Antibody detects
Formulation	endogenous levels of Neurotensin protein. Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Neurotensin/neuromedin N
Gene Name	NTS
<b>Cellular localization</b>	Secreted. Cytoplasmic vesicle, secretory vesicle.
	Packaged within secretory vesicles.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	4922
Human Swiss-Prot Number	P30990
Alternative Names	NTS; Neurotensin/neuromedin N
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



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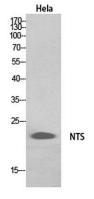
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dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Neurotensin also exhibits antimicrobial activity against bacteria and fungi. Tissue-specific processing may lead 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. [provided by RefSeq, Oct 2014],

Western Blot analysis of HeLa, HepG2 cells using Neurotensin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000





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