



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 endogenous levels of Neurotensin protein.
Formulation	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
Cellular localization	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





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

