

Neurotensin Polyclonal Antibody

Catalog No :	YT5535
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Neurotensin
Fields :	>>Neuroactive ligand-receptor interaction
Gene Name :	NTS
Protein Name :	Neurotensin/neuromedin N
Human Gene Id :	4922
Human Swiss Prot No :	P30990
Mouse Gene Id :	67405
Mouse Swiss Prot No :	Q9D3P9
Rat Swiss Prot No :	P20068
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 20kD

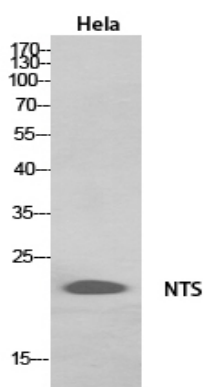
Background : This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated 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],

Function : function:Neurotensin may play an endocrine or paracrine role in the regulation of fat metabolism. It causes contraction of smooth muscle.,online information:Neurotensin entry,similarity:Belongs to the neurotensin family.,subcellular location:Packaged within secretory vesicles.,

Subcellular Location : Secreted. Cytoplasmic vesicle, secretory vesicle. Packaged within secretory vesicles.

Expression : Brain,Tongue,

Products Images



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