

## Neurotensin Polyclonal Antibody

<b>Catalog No :</b>	YT5535
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Neurotensin
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	NTS
<b>Protein Name :</b>	Neurotensin/neuromedin N
<b>Human Gene Id :</b>	4922
<b>Human Swiss Prot No :</b>	P30990
<b>Mouse Gene Id :</b>	67405
<b>Mouse Swiss Prot No :</b>	Q9D3P9
<b>Rat Swiss Prot No :</b>	P20068
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human NTS. AA range:121-170
<b>Specificity :</b>	Neurotensin Polyclonal Antibody detects endogenous levels of Neurotensin protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	20kD
<b>Background :</b>	<p>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],</p>
<b>Function :</b>	<p>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.,</p>
<b>Subcellular Location :</b>	Secreted. Cytoplasmic vesicle, secretory vesicle. Packaged within secretory vesicles.
<b>Expression :</b>	Brain,Tongue,
<b>Tag :</b>	orthogonal
<b>Sort :</b>	1099
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images

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

