



BMA BIOMEDICALS



Peninsula Laboratories

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**T-4314**

## **Rabbit anti Neurotensin**

Neurotensin is a 13-amino acid neuropeptide that shares similarity in its 6 C-terminal amino acids with several other neuropeptides, including neuromedin N. It is distributed through the central nervous system, with highest levels in the hypothalamus, amygdala and nuclear accumbens. Neurotensin is implicated in the regulation of luteinizing hormone and prolactin release, and has a variety of effects, including analgesia, hypothermia and increased locomotor pathways.

This antibody was generated by immunization of rabbits with Neurotensin coupled to a carrier protein.

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### **TECHNICAL AND ANALYTICAL CHARACTERISTICS**

<b>Lot number:</b>	A17148
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Diluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Neurotensin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide Pyr-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro-Tyr-Ile-Leu-OH coupled to carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
Neurotensin	100
Neurotensin (guinea pig)	26
Neuromedin N	0.03
Neurotensin (8-13)	0
Substance P	0
Kinetensin	0
Bombesin	0

**Related Products:**

T-4315: anti Neurotensin, purified IgG  
S-1206: ELISA, high sensitivity for extracted samples  
T-4313: anti, Neurotensin, neat antiserum

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This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4314

diluted antiserum

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