



BMA BIOMEDICALS



Peninsula Laboratories

T-4315

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A12955
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	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.
Applications:	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 www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide Pyr-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro-Tyr-Ile-Leu-OH coupled to carrier protein.

Cross-Reactivity:

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

Related Products: S-1206: ELISA, high sensitivity for extracted samples
 T-4314: anti Neurotensin, diluted antiserum
 T-4313: anti Neurotensin, neat antiserum

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.

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rabbit IgG

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