



BMA BIOMEDICALS



Peninsula Laboratories

T-4449

Rabbit anti Neurokinin B

Neurokinin B (KNB) is a 10-peptide chain (decapeptide) attached to a terminal amide group. It belongs to the tachykinin family and it is implicated in a variety of human functions and pathways such as the secretion of gonadotropin-releasing hormone. Neurokinin B is expressed along with the peptides kisspeptin and dynorphin A in the neuronal cells of the arcuate nucleus.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	019693
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 Neurokinin B. 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 H-Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Neurokinin B	100
Neurokinin A	0.1
Eledoisin	1
Kassinin	0.6
Physalaemin	2
Substance P	0.2
Neuromedin B	0
Neuropeptide K (porcine)	0

Related Products:

S-1219: ELISA, high sensitivity for extracted samples

T-4448: anti Neurokinin B, diluted antiserum

T-4450: anti Neurokinin B, neat antiserum

S-1271: ELISA, extraction-free for human samples

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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