



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4450

### 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.

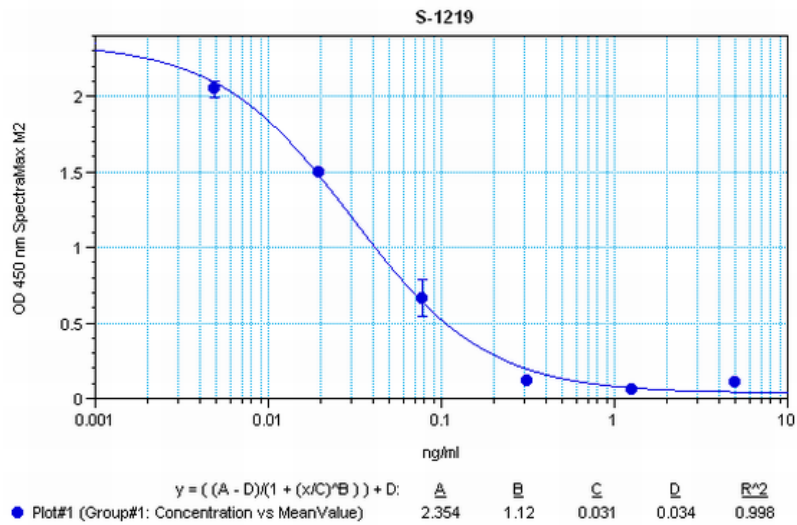
This antibody was generated by immunization of rabbits with Neurokinin A coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A05998
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted 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 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 <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH <sub>2</sub> coupled to carrier protein.

Typical titration curve of Neurokinin B in a competitive ELISA with this antibody:



Related Products:

T-4448: anti Neurokinin B, diluted antiserum  
T-4449: anti Neurokinin B, purified IgG  
S-1219: ELISA, high sensitivity for extracted samples  
S-1271: ELISA, extraction-free for human samples

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This product contains no 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-4450

neat antiserum

5.6.2020