



BMA BIOMEDICALS



Peninsula Laboratories

T-4813

Rabbit anti Neuromedin S (human) [UniProt: P48645]

Neuromedin S is a 36-amino acid neuropeptide located in the brain of humans and other mammals. It is related to neuromedin U and is produced in the suprachiasmatic nucleus of the hypothalamus. Neuromedin S is involved in the regulation of circadian rhythm and in the regulation of several peptide hormones including vasopressin, luteinizing hormone, and oxytocin.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	021686
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 Neuromedin S. 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-Ile-Leu-Gln-Arg-Gly-Ser-Gly-Thr-Ala-Ala-Val-Asp-Phe-Thr-Lys-Lys-Asp-His-Thr-Ala-Thr-Trp-Gly-Arg-Pro-Phe-Phe-Leu-Phe-Arg-Pro-Arg-Asn-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Neuromedin S (human)	100
Neuromedin S (rat)	25
Neuromedin U-25 (human)	0
Neuromedin U-23 (rat)	0
PrePro-Neuromedin U (104-136) (human)	0
PrePro-Neuromedin S (70-103) (human)	0
Neuropeptide Y (human, rat)	0
Ghrelin (human)	0

Related Products: S-1280: ELISA, high sensitivity for extracted samples (rt)
S-1279: ELISA, extraction-free for human samples
S-1281: ELISA, extraction-free for rat samples
S-1278: high sensitivity for extracted samples (hu)
T-4814: anti Neuromedin S, purified IgG (rt)

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

5.6.2020