



BMA BIOMEDICALS



Peninsula Laboratories

T-4777

Rabbit anti Neuromedin U-23 (rat) [UniProt: P12760]

Neuromedin U is a highly conserved neuropeptide found in the brain of humans and other mammals. It is known to have diverse functions including contraction of smooth muscle, regulation of blood pressure, pain perception, appetite, bone growth, and hormone release. Neuromedin U exists as multiple isoforms such as U-25 in humans and U-23 in rats. Like many neuroactive peptides, Neuromedin U is amidated at the C-terminus, and all isoforms have identical C-terminal heptapeptides.

This antibody was generated by immunization of rabbits with Neuromedin U-23 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	040217-1
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Diluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
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 U-23. 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-Tyr-Lys-Val-Asn-Glu-Tyr-Gln-Gly-Pro-Val-Ala-Pro-Ser-Gly-Gly-Phe-Phe-Leu-Phe-Arg-Pro-Arg-Asn-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Neuromedin U-23 (rat)	100
Neuromedin U-8 (porcine)	100
Neuromedin U-25 (porcine)	100
Neuromedin U-25 (human)	100
Neuromedin N	0
Neuromedin B	0
Neuromedin C / GRP (18-27) (human, porcine, canine)	0
Pancreatic Polypeptide (human)	0
VIP (human, bovine, porcine, rat)	0
Ghrelin (human)	0

Related Products:

S-1254: ELISA, high sensitivity for extracted samples
T-4779: anti Neuromedin U-23, neat antiserum
T-4778: anti Neuromedin U-23, purified IgG

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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diluted antiserum

5.6.2020