



BMA BIOMEDICALS



Peninsula Laboratories

T-4445

Rabbit anti Neurokinin A

Neurokinin A (KNA) is a 10-amino acid neuropeptide neurotransmitter that belongs to the tachykinin family. It is an important contributor to nociceptive processing, satiety, and smooth muscle contraction. Tachykinins are also known to be excitatory neurotransmitters with effects on mammalian nervous. They also influence mammalian inflammatory and pain responses.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A14953
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 A. 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-His-Lys-Thr-Asp-Ser-Phe-Val-Gly-Leu-Met-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Neurokinin A	100
Kassinin	100
Neuropeptide K (porcine)	100
Neurokinin B	80
Substance P	0.05
Physalaemin	0.02
Neuropeptide Y (porcine)	0
Neuromedin B	0
ACTH (1-39) (human)	0
(Arg ⁸)-Vasopressin	0

Related Products:

T-4446: anti Neurokinin A, neat antiserum
S-1218: ELISA, high sensitivity for extracted samples
T-4444: anti Neurokinin A, diluted antiserum for RIA

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