



BMA BIOMEDICALS



Peninsula Laboratories

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

Catalog Number:	T-4444 (Lot A16473)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Reconstitute by adding 1.0 ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
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

Cross-Reactivity:

PEPTIDE	%
Neuropeptide Y (porcine)	0
Neuromedin B	0
ACTH (1-39) (human)	0
(Arg8)-Vasopressin	0

Applications:

Tested 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 **bma.ch** for protocols and general information.

Related Products:

S-1218: ELISA, high sensitivity for extracted samples

T-4445: Rabbit anti Neurokinin A, purified IgG

T-4446: Rabbit anti Neurokinin A, neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.