



BMA BIOMEDICALS



Peninsula Laboratories

T-4070

Rabbit anti Neuropeptide Y (human, mouse, rat) [Uniprot: P01303; P57774; P07808]

Neuropeptide Y (NPY) is a 36 amino acid neuropeptide known to be involved in several physiological and homeostatic processes in both the central and peripheral nervous system. It is the most abundant peptide present in the mammalian central nervous system and it is synthesized in GABAergic neurons, acting as a neurotransmitter in cellular communication.

This antibody was generated by immunization of rabbits with Neuropeptide Y coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

| | |
|----------------------|---|
| Lot number: | A17510 |
| Host species: | Rabbit IgG |
| Quantity: | 50µl |
| Format: | Neat undiluted 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 Neuropeptide Y. 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-Pro-Ser-Lys-Pro-Asp-Asn-Pro-Gly-Glu-Asp-Ala-Pro-Ala-Glu-Asp-Met-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-His-Tyr-Ile-Asn-Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH ₂ |

Cross-Reactivity:

| PEPTIDE: | %: |
|-----------------------------------|-----------|
| NPY (human, rat) | 100 |
| NPY (porcine) | 100 |
| Pancreatic Polypeptide (human) | 3 |
| PYY (porcine, rat) | 0 |
| VIP (human, bovine, porcine, rat) | 0 |
| Amylin (acid free) (human) | 0 |
| Prepro NPY (68-97) (human) | 0 |
| Insulin (human) | 0 |
| Somatostatin-14 | 0 |

Related Products: T-4453: purified IgG
S-1145: ELISA, high sensitivity for extracted samples
S-1346: ELISA, extraction-free for human plasma samples

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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neat antiserum

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