

Product: Anti-Neuropeptide Y
Catalog #: 03-16054
Amount: 100 ml

CATEGORY: Rabbit polyclonal
IMMUNOGEN: Synthetic neuropeptide Y (Peninsula), conjugated to BSA
FORM: Serum containing 0.09% sodium azide
DESCRIPTION/SPECIFICITY: Neuropeptide Y (NPY) is a peptide belonging to the PP-family and occurs in neurons and adrenal medullary cells. The brain contains large quantities of NPY and it is also found in the peripheral nervous system, where it coexists with noradrenaline in sympathetic fibers. NPY inhibits gut motility and causes vasoconstriction. Pheochromocytomas contain NPY. Absorption with 10-100 µg NPY per ml diluted antiserum abolishes the staining, while PYY and PP do not.
POSTIVE CONTROL: Stefanini-fixed sections of rat small intestine
SPECIES TESTED SO FAR: Human, rat, guinea pig
APPLICATION (tested so far): - Immunohistochemistry, suitable for frozen and paraffin sections
- Immunofluorescence
WORKING DILUTION 1:20 – 1:40 for immunofluorescence microscopy with overnight incubation at 2-8°C
DILUTION BUFFER: 0.1 M PBS containing 1% BSA and 0.1% NaN₃.
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

REFERENCE

Miyazawa Y et al. (1998) Am J Gastroenterology **83**: 1108-1114
Ekblad E. et al. (1998) Neuroscience **27** (2): 655-674

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