

**Product:** Anti-Neuropeptide Y 1-20  
**Catalog #:** 03-16056  
**Amount:** 100 ml

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**CATEGORY:** Rabbit polyclonal  
**IMMUNOGEN:** Synthetic cys(21)-NPY 1-21, conjugated to BSA  
**FORM:** Serum containing 0.09% sodium azide  
**DESCRIPTION/SPECIFICITY:** Neuropeptide Y 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 1-20 per ml diluted antiserum abolishes the staining, while PYY and PP do not. Stefanini-fixed sections of rat small intestine  
**POSTIVE CONTROL:** Human, rat  
**SPECIES TESTED SO FAR:** - Immunofluorescence  
**APPLICATION (tested so far):** - Suitable for frozen sections  
**WORKING DILUTION** 1:10 – 1:20 for immunofluorescence microscopy with overnight incubation at 2-8°C  
**DILUTION BUFFER:** 0.1 M PBS containing 1% BSA and 0.1% NaN<sub>3</sub>.  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

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