Polyclonal Antibody to PYY (Peptide YY)

Category
Guinea pig polyclonal

Form/Purification
Undiluted guinea pig serum (lyoph.)

Immunogen
Synthetic porcine peptide YY (Peninsula)

Description/Specificity
The intestinal peptide YY is related to the PP-family of peptides and occurs in the glicentin cells in the gut. They are numerous in the rectum, colon, and ileum and few in the duodenum and jejunum. PYY has hormone-like action, inhibits gut motility and pancreatic exocrine secretion and cause vasoconstriction. PYY may occur in endocrine tumors of the pancreas and of the rectum. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining.

Positive Control
Frozen sections of rat intestine

Species tested so far
rat, mouse, cat

Application
• Immunofluorescence microscopy
  Immunohistochemistry
• Suitable for frozen and paraffin sections

Reconstitution
Dissolve the antiserum in 50 - 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN₃.

Working Dilution
1:1500 – 1:2500 using FITC, with overnight incubation at 2-8°C.

Storage
At 2-8°C (undiluted) or at -20°C (aliquots)

Quantity / Volume
50 µl (lyoph.)

Reference

Cat. No. 16066