



Anti-PYY polyclonal antibody (DPAB2395GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Peptide YY
Antigen Description	Peptide YY is a short (36-amino acid) protein released by cells in the ileum and colon in response to feeding. In humans it appears to reduce appetite. It is also known as PYY, Peptide Tyrosine Tyrosine, or Pancreatic Peptide YY3-36.
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 p
Immunogen	Synthetic porcine peptide YY
Source/Host	Guinea pig
Species Reactivity	Pig
Conjugate	Unconjugated
Applications	IF, IHC
Positive Control	Frozen sections of rat intestine
Format	Undiluted guinea pig serum (lyoph.)
Size	50 µl
Buffer	Dissolve the antiserum in 50 - 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN ₃ .
Preservative	0.1% Sodium Azide
Storage	At 2-8°C (undiluted) or at -20°C (aliquots)

GENE INFORMATION

Gene Name	PYY peptide YY [Homo sapiens]
Official Symbol	PYY
Synonyms	PYY; peptide YY; PYY1; Peptide YY; PYY-I; Peptide tyrosine tyrosine; Peptide YY(3-36); PYY-II; peptide tyrosine tyrosine
Entrez Gene ID	5697
Protein Refseq	NP_004151
UniProt ID	P10082
Chromosome Location	17q21.1
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR
Function	hormone activity; neuropeptide hormone activity