



# Anti-PYY polyclonal antibody (DPAB2396RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Peptide YY
<b>Antigen Description</b>	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.
<b>Specificity</b>	The intestinal peptide YY is related to the PP-family of peptides and occurs in glicentin cells in the gut. They are found in the rectum, colon, ileum, and to a lower extent in the duodenum and jejunum. PYY may occur in endocrine tumors of the pancreas an
<b>Immunogen</b>	Porcine PYY
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Pig
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-FoFr
<b>Positive Control</b>	Colon, ileum
<b>Format</b>	Rabbit serum
<b>Size</b>	0.25 ml
<b>Buffer</b>	Dilute immediately before use with PBS, optimal dilution should be tested by serial dilution
<b>Preservative</b>	None
<b>Storage</b>	At 2-8°C (undiluted); for longer periods aliquots can be stored at -20° C

# GENE INFORMATION

Gene Name	<a href="#">PYY peptide YY [ Homo sapiens ]</a>
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	<a href="#">5697</a>
Protein Refseq	<a href="#">NP_004151</a>
UniProt ID	<a href="#">P10082</a>
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