



# Anti-PPY polyclonal antibody (DPAB2392RB)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Pancreas Polypeptide
<b>Antigen Description</b>	Pancreatic hormone is synthesized in pancreatic islets of Langerhans and acts as a regulator of pancreatic and gastrointestinal functions and may be important in the regulation of food intake. Plasma levels of this hormone have been shown to be reduced in conditions associated with increased food intake and elevated in anorexia nervosa. In addition, infusion of this hormone in obese rodents has shown to decrease weight gain.
<b>Specificity</b>	Pancreas Polypeptide is located in the pancreatic islets and in the exocrine pancreas. Useful for the diagnosis of tumors of pancreatic origin and of bronchial and rectal carcinoids.
<b>Immunogen</b>	Bovine pancreas polypeptide conjugated to BSA
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bovine
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC, ICC, ELISA, Suitable for frozen sections and paraffin-embedded tissue
<b>Positive Control</b>	Pancreas
<b>Format</b>	Antiserum
<b>Size</b>	0.25 ml
<b>Buffer</b>	PBS with 1% BSA and 0.1% Na-Azide
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

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

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## GENE INFORMATION

Gene Name	<a href="#">PPY pancreatic polypeptide [ Bos taurus ]</a>
Official Symbol	PPY
Synonyms	PPY; pancreatic polypeptide; PP; pancreatic prohormone; seminalplasmin; pancreatic hormone
Entrez Gene ID	<a href="#">280900</a>
Protein Refseq	<a href="#">NP_776377</a>
UniProt ID	<a href="#">E1B9Q7</a>
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