



BMA BIOMEDICALS



Peninsula Laboratories

T-4087

Rabbit anti Pancreatic Polypeptide (human) [Uniprot: P01298]

Pancreatic Polypeptide (PP) is a 36-amino acid anorexigenic peptide hormone secreted by the PP cells in the endocrine pancreas. The function of Pancreatic Polypeptide is to self-regulate pancreatic secretion activities such as endocrine and exocrine. It also has effects on hepatic glycogen levels and gastrointestinal secretions. Secretion of Pancreatic Polypeptide can be accomplished through electrical stimulation of the vagus nerve. Pancreatic Polypeptide is related to Peptide YY and Neuropeptide Y (NPY).

This antibody was generated by immunization of rabbits with Pancreatic Polypeptide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A12691
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Pancreatic Polypeptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Ala-Pro-Leu-Glu-Pro-Val-Tyr-Pro-Gly-Asp-Asn-Ala-Thr-Pro-Glu-Gln-Met-Ala-Gln-Tyr-Ala-Ala-Asp-Leu-Arg-Arg-Tyr-Ile-Asn-Met-Leu-Thr-Arg-Pro-Arg-Tyr-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Pancreatic Polypeptide (human)	100
Pancreatic Polypeptide (rat)	10
Pancreatic Polypeptide (avian)	0
Pancreatic Polypeptide (salmon)	0
Insulin (human)	0
Glucagon (1-29) (human, bovine, porcine)	0
α -CGRP (human)	0
Somatostatin-14	0
Amylin (rat)	0
Amylin (human)	0
Amylin (rat)	0
NPY (human, rat)	0
PYY (human)	0

Related Products: S-1373: ELISA, extraction-free for serum and plasma samples
T-4086: anti Pancreatic polypeptide, diluted antiserum (hu)
T-4489: anti Pancreatic polypeptide, neat antiserum (avian)
T-4088: anti Pancreatic polypeptide, neat antiserum (hu)
T-4488: anti Pancreatic polypeptide, neat antiserum (avian)

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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