

Rabbit Pancreatic Polypeptide Polyclonal Antibody | anti-PPY antibody

Pancreatic Polypeptide Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328983	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)	ELISA

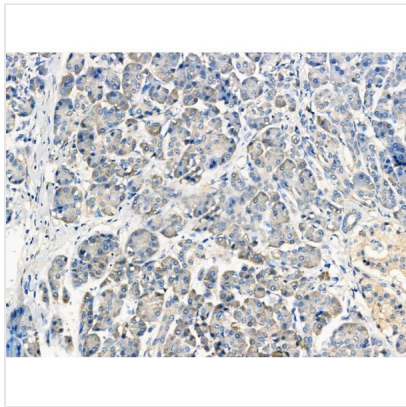
PRODUCT SYNONYMS

Pancreatic Polypeptide; Polyclonal Antibody; Pancreatic Polypeptide Antibody; Pancreatic polypeptide; Pancreatic polypeptide Y; Pancreatic prohormone; PNP; PP; PPY; prepro-PP (prepropancreatic polypeptide); anti-PPY antibody

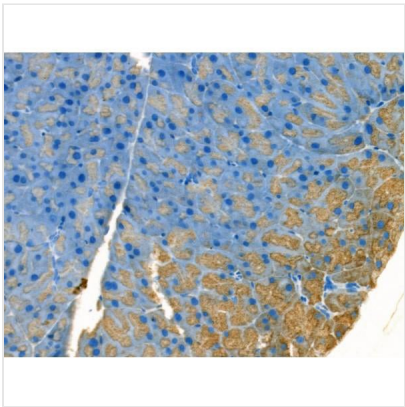
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Pancreatic Polypeptide Antibody detects endogenous levels of total Pancreatic Polypeptide.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	95
Applicable Applications for anti-PPY antibody	ELISA
Immunogen	A synthesized peptide derived from human Pancreatic Polypeptide, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

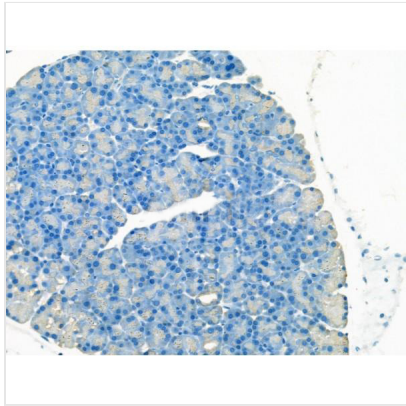
IMAGES



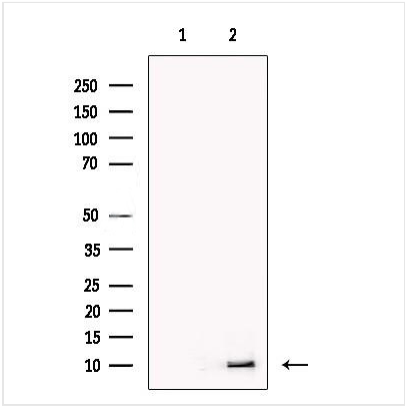
IHC (Immunohistochemistry)
AAA328983 at 1/100 staining Human pancreatic cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA328983 at 1/100 staining Mouse pancreatic tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA328983 at 1/100 staining Rat pancreatic tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human pancreas, using Pancreatic Polypeptide Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPY antibody	Function: Pancreatic hormone is synthesized in pancreatic islets of Langerhans and acts as a regulator of pancreatic and gastrointestinal functions.The physiological role for the icosapeptide has not yet been elucidated.
	Subcellular Location: Secreted.
	Similarity: Belongs to the NPY family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119572034
NCBI GeneID	5539
UniProt Accession #	P01298
Molecular Weight	Observed Molecular Weight: (Observed)10kD. Predicted Molecular Weight: (Calculated)10kDa.
NCBI Official Full Name	pancreatic polypeptide

NCBI Official Synonym Full Names	pancreatic polypeptide
NCBI Official Symbol	PPY
NCBI Official Synonym Symbols	PP; PNP
NCBI Protein Information	pancreatic prohormone
UniProt Protein Name	Pancreatic prohormone
UniProt Gene Name	PPY
UniProt Synonym Gene Names	PNP; PP; PH; PI
UniProt Entry Name	PAHO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pancreatic-polypeptide-antibody-elisa/328983>