

Product datasheet for **TA354264**

Amylin (IAPP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from N-term of human Amylin peptide.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	10 kDa
Gene Name:	islet amyloid polypeptide
Database Link:	NP_000406 Entrez Gene 3375 Human P10997
Background:	Amylin is a 37 amino acid peptide co-secreted with insulin from pancreatic islet beta-cells. Amylin shares structural similarities with calcitonin gene-related peptide (CGRP) and calcitonin (CT), including an N-terminal ring structure linked by a disulfide bridge, and an amidated C-terminus. The function of Amylin is to maintain the glucose homeostasis, include lowered insulin secretion, raised hepatic glucose output, stimulation of glycogenolysis and inhibition of glycogen synthesis in liver cells and in skeletal muscle. Amylin peptide is predominantly found in the beta cells of the pancreas and to a lesser extent in the gastrointestinal tract and nervous system. This antibody can be used for staining of amylin in normal and diabetic pancreas and pancreatic carcinoma



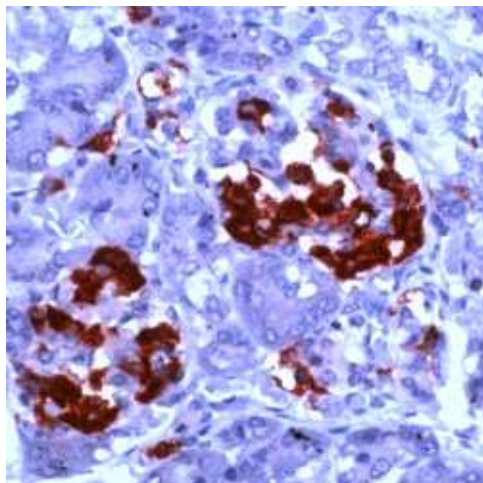
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Synonyms: DAP; IAP

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Maturity onset diabetes of the young

Product images:



IHC: Human pancreatic tissue stained with Anti-Amylin antibody, at 1:100 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.