

Product datasheet for **TA363987**

Amylin (IAPP) Rabbit Polyclonal Antibody

Product data:

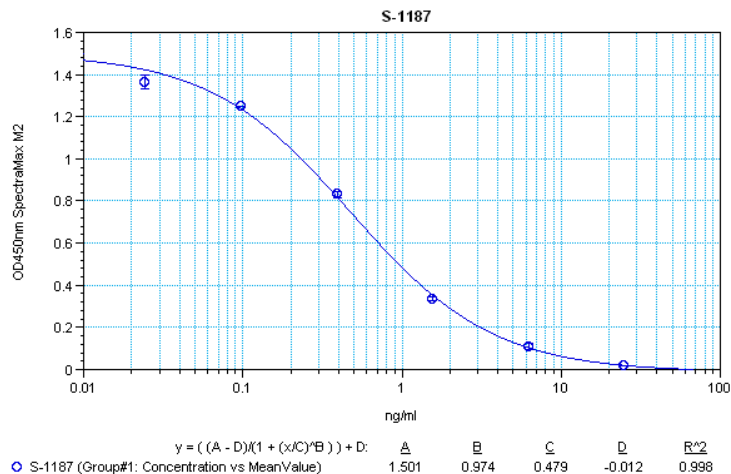
Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Amylin and in immunohistochemistry (IHC). Other applications like FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Ala-Ile-Leu-Ser-Ser-Thr-Asn-Val-Gly-Ser-Asn-NH ₂ coupled to carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.4ml distilled water. This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 6mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% sodium azide as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated freezing and thawing by freezing aliquots at -20°C or below.
Gene Name:	islet amyloid polypeptide
Database Link:	Entrez Gene 3375 Human P10997
Background:	Amylin (also known as islet amyloid polypeptide, IAPP) in its full length is a 37 amino acid peptide hormone with a disulfide bridge between cysteine residues 2 and 7. Both the amidated C-terminus and the disulfide bridge are necessary for the full biological activity of Amylin. It is co-secreted with insulin from the pancreatic β -cells and plays an important role in the glycemic control, regulating it by slowing gastric emptying and promoting satiety. It is also involved in bone metabolism, along with the related peptides calcitonin and calcitonin gene related peptide, CGRP. This antibody was generated by immunization of rabbits with Amylin (25-37) coupled to a carrier protein.



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Synonyms: AMYLIN; DAP; IAP

Product images:



Typical titration curve of full length human Amylin (ELISA kit S-1187)