

Product datasheet for **TA346186**

Amylin (IAPP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-IAPP antibody: synthetic peptide directed towards the N terminal of human IAPP. Synthetic peptide located within the following region: MGILKLQVFLIVLSVALNHLKATPIESHQVEKRKCNTATCATQRLANFLV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	4 kDa
Gene Name:	islet amyloid polypeptide
Database Link:	NP_000406 Entrez Gene 3375 Human P10997



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Background: Islet, or insulinoma, amyloid polypeptide is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring an insulinoma. While the association of amylin with the development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Studies suggest that amylin, like the related beta-amyloid (Abeta) associated with Alzheimer's disease, can induce apoptotic cell-death in particular cultured cells, an effect that may be relevant to the development of type II diabetes.

Synonyms: DAP; IAP

Note: Immunogen Sequence Homology: Human: 100%; Horse: 93%; Dog: 86%; Rabbit: 86%; Bovine: 82%

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Maturity onset diabetes of the young

Product images:



WB Suggested Anti-IAPP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Jurkat cell lysate