

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.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

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 assosciation 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.

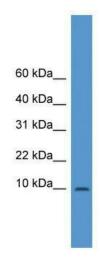
Synonyms: DAP; IAP

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