

Product datasheet for TA321122S

Amylin (IAPP) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 200-1000

WB positive control: Raji cells

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Synthetic peptide corresponding to a region derived from 40-52 amino acids of Human Islet

amyloid polypeptide

Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol

Purification: Antigen 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 15874 MouseEntrez Gene 24476 RatEntrez Gene 3375 Human

P10997

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



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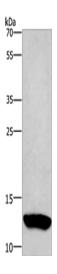
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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Maturity onset diabetes of the young

Product images:



Gel: 8%SDS-PAGE Lysate: 40 μg Lane: Raji cells

Primary antibody: [TA321122] (IAPP Antibody) at

dilution 1/200

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 20 seconds