

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% NaN ₃ , 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 Mouse Entrez Gene 24476 Rat Entrez 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 (Aβ) 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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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Maturity onset diabetes of the young

Product images:



Gel: 8%SDS-PAGE

Lysate: 40 μ g

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