

IAPP polyclonal antibody

Catalog # PAB5033 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IAPP.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human IAPP.
Sequence	KCNTATCATQRLANFLVHSSNNFGAILSSTNVGSNTY
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against synthetic peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Enzyme Immunoassay

Gene Info — IAPP

Entrez GeneID [3375](#)

Gene Name	IAPP
Gene Alias	AMYLIN, DAP, IAP
Gene Description	islet amyloid polypeptide
Omim ID	147940
Gene Ontology	Hyperlink
Gene Summary	<p>Islet, or insulinoma, amyloid polypeptide is commonly found in pancreatic islets of patients suffering from 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) as 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. [provided by RefSeq]</p>
Other Designations	Islet amyloid polypeptide (diabetes-associated peptide; amylin)

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Amyloidosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Pancreatic Diseases](#)