

# IAPP rabbit monoclonal antibody

Catalog # H00003375-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human IAPP peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human IAPP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human IAPP peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — IAPP

Entrez GeneID	<a href="#">3375</a>
GeneBank Accession#	<a href="#">IAPP</a>
Gene Name	IAPP
Gene Alias	AMYLIN, DAP, IAP
Gene Description	islet amyloid polypeptide
Omim ID	<a href="#">147940</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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) 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]
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](#)