Amylin (IAPP) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Amylin (IAPP), Polyclonal Antibody
Full Product Name	Rabbit polyclonal Amylin antibody (HRP)
Product Gene Name	anti-IAPP antibody
Product Synonym Names	Amylin antibody (HRP)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied with 0.03% Proclin 300, 50% Glycerol and 0.01M PBS, PH 7.4
Purity/Purification	Purified by Ammonium Sulfate precipitation
Preparation and Storage	Store at 4 degree C for short term storage and -20 degree C for long term storage. Avoid repeat freeze/thaw cycles.
Molecular Weight	9,806 Da
OMIM	M27503 Genomic DNA
Immunogen	Amylin antibody (HRP) was raised in Rabbit using recombinant human Amylin as the immunogen
Cross-Reactivity	Human
Conjugate	HRP
Product Categories/Family for anti-IAPP antibody	Nutrition & Metabolism
Applications Tested/Suitable for anti-IAPP antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for anti-IAPP antibody	MBS5305149 is an antibody targeting IAPP. Also known as Rabbit polyclonal Amylin antibody (HRP). Host: Rabbit.
Other Notes	Small volumes of anti-IAPP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IAPP. It may not necessarily be applicable to this product.

NCBI GI #	457131
NCBI GeneID	3375
NCBI Accession #	AAA35524.1
UniProt Secondary Accession #	Q0ZD87; Q14598
UniProt Related Accession #	P10997
NCBI Official Full Name	amylin, partial
NCBI Official Synonym Full Names	islet amyloid polypeptide

NCBI Official Symbol	IAPP
NCBI Official Synonym Symbols	DAP; IAP
UniProt Protein Name	Islet amyloid polypeptide
UniProt Synonym Protein Names	Amylin; Diabetes-associated peptide; DAP; Insulinoma amyloid peptide
Protein Family	Islet amyloid polypeptide
UniProt Gene Name	IAPP
UniProt Synonym Gene Names	DAP
NCBI Protein Information	islet amyloid polypeptide
NCBI Summary for IAPP	This gene encodes a member of the calcitonin family of peptide hormones. This hormone is released from pancreatic beta cells following food intake to regulate blood glucose levels and act as a satiation signal. Human patients with type 1 and advanced type 2 diabetes exhibit reduced levels of the encoded hormone in blood and pancreas. This protein also exhibits a bactericidal, antimicrobial activity. [provided by RefSeq, Jul 2016]
UniProt Comments for IAPP	IAPP: Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism. Belongs to the calcitonin family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 12p12.1 Cellular Component: extracellular region Molecular Function: identical protein binding; receptor binding Biological Process: apoptosis; cell-cell signaling; cellular protein metabolic process; signal transduction
Research Articles on IAPP	**1.** hA17-29 aggregate toxicity seems to be mediated by RAGE and p75-NGFR receptors
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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