



Rabbit Anti-Human IAPP polyclonal antibody (CABT-L1932)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Human IAPP
Immunogen	IAPP (NP_000406.1, 1 a.a. ~ 89 a.a) full-length human protein. Sequence: MGILKLQVFLIVLSVALNHLKATPIESHQVEKRKCNTATCATQRLANFLVHSSNNFGAIL SSTNVGSNTYGKRNAVEVLKREPLNYLPL
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring an insulinoma. Studies suggest that this protein, like the related beta-amyloid (Abeta) associated with Alzheimers disease, can induce apoptotic cell-death in particular cultured cells, an effect that may be relevant to the development of type II diabetes. This protein also exhibits an bactericidal, antimicrobial activity. [provided by RefSeq, Sep 2014]
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Keywords	IAPP; islet amyloid polypeptide; DAP; IAP; amylin; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin);
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GENE INFORMATION

Gene Name	IAPP islet amyloid polypeptide [Homo sapiens (human)]
Official Symbol	IAPP
Synonyms	IAPP; islet amyloid polypeptide; DAP; IAP; amylin; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin);
Entrez Gene ID	3375
UniProt ID	A0A024RAU1
Chromosome Location	12p12.1
Pathway	Amyloids; Calcitonin-like ligand receptors; Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Developmental Biology; Disease; G alpha (s) signalling events; GPCR downstream signaling;
Function	hormone activity; identical protein binding; receptor binding;