

# Amylin Polyclonal Antibody

Catalog # AP68408

## Product Information

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Application	WB, IHC-P, IF
Primary Accession	<a href="#">P10997</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9806

## Additional Information

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Gene ID	3375
Other Names	IAPP; Islet amyloid polypeptide; Amylin; Diabetes-associated peptide; DAP; Insulinoma amyloid peptide
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

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Name	IAPP ( <a href="#">HGNC:5329</a> )
Function	Amylin/IAPP is a glucoregulatory peptide hormone that plays an important role in the regulation of energy homeostasis (PubMed: <a href="#">2690069</a> ). Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism. IAPP function is mediated by the CALCR- RAMPs (AMYRs) receptor complexes (By similarity). Amylin can also bind CALCR receptor in the absence of RAMPs, although it is more selective for AMYRs (By similarity).
Cellular Location	Secreted.

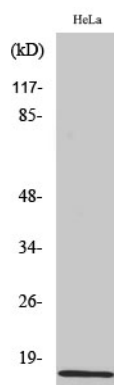
## Background

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Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.

## Images

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Western Blot analysis of various cells using Amylin  
Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.