

Amylin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51276**Specification**

Amylin Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	P10997
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10 KDa

Amylin Antibody - Additional Information**Gene ID** 3375**Other Names**

Islet amyloid polypeptide, Amylin, Diabetes-associated peptide, DAP, Insulinoma amyloid peptide, IAPP

DilutionWB~~1:1000
ICC~~N/A
IHC-P~~N/A
E~~N/A**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Amylin Antibody - Protein Information**Name** IAPP ([HGNC:5329](#))**Function**

Amylin/IAPP is a glucoregulatory peptide hormone that plays an important role in the regulation of energy homeostasis (PubMed:2690069). 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.

Amylin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Amylin Antibody - Images

Amylin Antibody - Background

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

Amylin Antibody - References

Mosselman S., et al. FEBS Lett. 247:154-158(1989).
Nishi M., et al. Mol. Endocrinol. 3:1775-1781(1989).
Sanke T., et al. J. Biol. Chem. 263:17243-17246(1988).
Christmanson L., et al. FEBS Lett. 267:160-166(1990).
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