

IAPP / Amylin Antibody (clone R10/99)
Mouse Monoclonal Antibody
Catalog # ALS11220**Specification**

IAPP / Amylin Antibody (clone R10/99) - Product Information

Application	IHC
Primary Accession	P10997
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	10kDa KDa

IAPP / Amylin Antibody (clone R10/99) - Additional Information**Gene ID** 3375**Other Names**

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

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

IAPP / Amylin Antibody (clone R10/99) is for research use only and not for use in diagnostic or therapeutic procedures.

IAPP / Amylin Antibody (clone R10/99) - 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

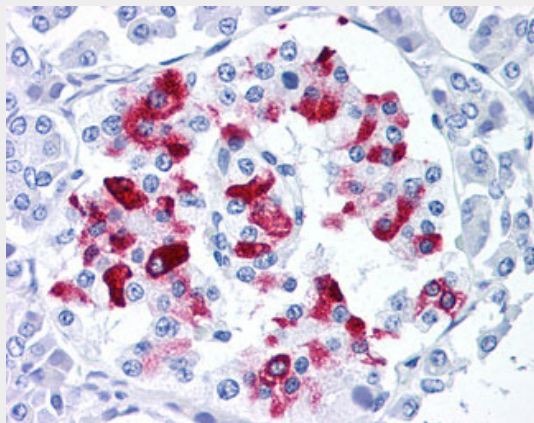
Secreted.

IAPP / Amylin Antibody (clone R10/99) - 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](#)

IAPP / Amylin Antibody (clone R10/99) - Images



Anti-Amylin antibody IHC of human pancreas, islet of Langerhans.

IAPP / Amylin Antibody (clone R10/99) - Background

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

IAPP / Amylin Antibody (clone R10/99) - 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).
van Mansfeld A.D.M.,et al.Biochim. Biophys. Acta 1087:235-240(1990).