

Amylin Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51276

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P10997
Reactivity	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9806

Additional Information

Gene ID	3375
Other Names	Islet amyloid polypeptide, Amylin, Diabetes-associated peptide, DAP, Insulinoma amyloid peptide, IAPP
Dilution	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 ICC~~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

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.

Background

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

References

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Nishi M.,et al.Mol. Endocrinol. 3:1775-1781(1989).
Sanke T.,et al.J. Biol. Chem. 263:17243-17246(1988).
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