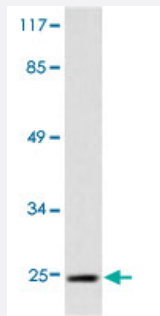


IAPP polyclonal antibody

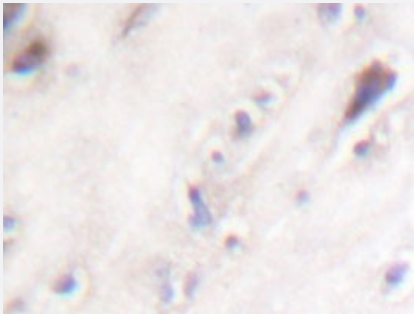
Catalog # PAB24819 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate (treated with EGF 200ng/ml 30min) with IAPP polyclonal antibody (Cat # PAB24819).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using IAPP polyclonal antibody (Cat # PAB24819).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IAPP.
Immunogen	A synthetic peptide corresponding to IAPP.
Host	Rabbit
Theoretical MW (kDa)	25
Reactivity	Human
Specificity	IAPP polyclonal antibody detects endogenous levels of IAPP protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate (treated with EGF 200ng/ml 30min) with IAPP polyclonal antibody (Cat # PAB24819).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using IAPP polyclonal antibody (Cat # PAB24819).

- Immunofluorescence

Gene Info — IAPP

Entrez GeneID	3375
Gene Name	IAPP
Gene Alias	AMYLIN, DAP, IAP
Gene Description	islet amyloid polypeptide
Omim ID	147940
Gene Ontology	Hyperlink

Gene Summary

Islet, or insulinoma, amyloid polypeptide is commonly found in pancreatic islets of patients suffering from diabetes mellitus type II, or harboring an insulinoma. While the association of amylin with the development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Studies suggest that amylin, like the related beta-amyloid (Aβ) associated with Alzheimer's disease, can induce apoptotic cell-death in particular cultured cells, an effect that may be relevant to the development of type II diabetes. [provided by RefSeq]

Other Designations

Islet amyloid polypeptide (diabetes-associated peptide; amylin)

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Amyloidosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Pancreatic Diseases](#)