Datasheet for ABIN882540

anti-Amylin/DAP antibody (Alexa Fluor 555)

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Overview

Quantity:	100 µL
Target:	Amylin/DAP (IAPP)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amylin/DAP antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Amylin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Amylin/DAP (IAPP)
Alternative Name:	Amylin (IAPP Products)
Background:	Synonyms: Islet amyloid polypeptide, IAPP, DAP, Diabetes associated peptide, IAP, Insulinoma amyloid peptide. Background: Amylin is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring an insulinoma. While the assosciation of amylin with the

Target Details

	development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Recent results suggest that amylin, like the related beta amyloid (Abeta) assosciated 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.
Gene ID:	3375
Pathways:	Hormone Activity, Feeding Behaviour

Application Details

Application Notes:	IF(IHC-P): (1:50-200) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months