

Datasheet for ABIN5539573
anti-PDIA2 antibody (AA 129-141)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PDIA2
Binding Specificity:	AA 129-141
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PDIA2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PDIA2 (aa129-141)
Sequence:	THPEEYTGPR DAE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PDIA2
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Target Details

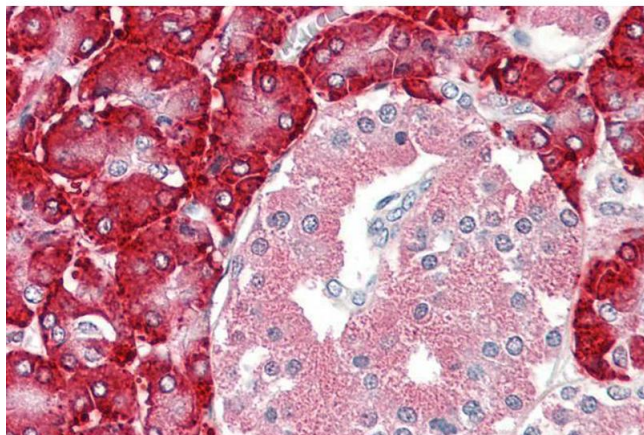
Alternative Name:	PDIA2 (PDIA2 Products)
Background:	PDIA2, protein disulfide isomerase family A, member 2, LA16c-314G4.2, PDA2, PDI, PDIP, PDIR, OTTHUMP00000067350, OTTHUMP00000197166, Rho GDP dissociation inhibitor gamma, pancreas-specific protein disulfide isomerase, pancreatic protein disulfide isomeras
Gene ID:	64714, 69191, 287164
NCBI Accession:	NP_006840
Pathways:	Maintenance of Protein Location , Cell RedoxHomeostasis , Unfolded Protein Response

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Pancreas. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 70 kDa band observed in Human Pancreas lysates (calculated MW of 58.2 kDa according to NP_006840.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.03-0.1 µg/mL. Primary incubation was 1 Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

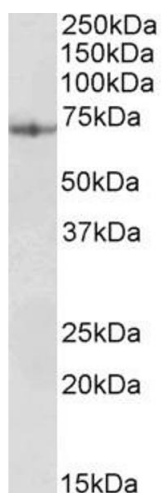
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539573 (3.75µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



Western Blotting

Image 2. ABIN5539573(0.03µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.