

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10881 - Goat Anti-PDIA2 (aa129-141) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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 isomerase, protein disulfide

isomerase A2, protein disulfide isomerase, pancreatic, protein disulfide

isomerase-associated 2, protein disulfide-isomerase A2

Official Symbol: PDIA2

Accession Number(s): NP_006840.2

Human GenelD(s): 64714

Non-Human GeneID(s): 69191 (mouse), 287164 (rat)

Immunogen

Peptide with sequence C-THPEEYTGPRDAE, from the internal region of the protein sequence according to NP_006840.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 70kDa band observed in Human Pancreas lysates (calculated MW of 58.2kDa according to NP_006840.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

 $\textbf{IHC:} \ Paraffin \ embedded \ Human \ Pancreas. \ Recommended \ concentration: 3.75 \mu g/ml.$

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

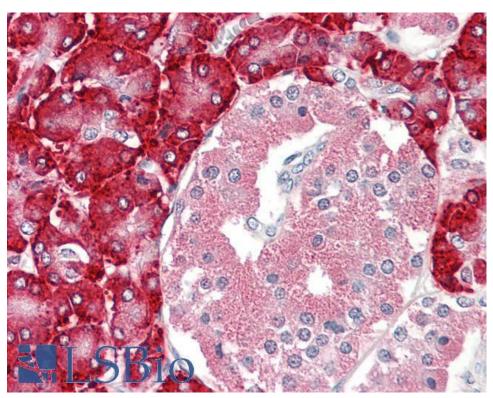
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

20kDa

25kDa

15kDa

EB10881(0.03μg/ml) staining of Human Pancreas lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB10881 (3.75µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.