

#### **UK Office**

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

Size: 100µg specific antibody in 200µl

# **C**lite

#### **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 GenelD(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.

IHC: Paraffin embedded Human Pancreas. Recommended concentration: 3.75µg/ml.

#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



### 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.