



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10880-B - Goat Anti-PDIA2 (aa477-481), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDIA2, protein disulfide isomerase family A member 2, PDA2, PDI, PDIP, PDIR, Rho GDP dissociation inhibitor gamma, pancreas-specific protein disulfide isomerase, pancreatic protein disulfide isomerase, protein disulfide isomerase A2, protein disulfide isomerase family A, member 2, protein disulfide isomerase, pancreatic, protein disulfide isomerase-associated 2

**Official Symbol:** PDIA2

**Accession Number(s):** NP\_006840.2

**Human GeneID(s):** [64714](#)

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

### Immunogen

Peptide with sequence C-EYKSTRDLETFSK., from the internal region (near C Terminus) 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 1:64000.

**Western blot:** Approx 65kDa band observed in Rat Pancreas lysates (calculated MW of 58.5kDa according to Rat NP\_001099245.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat



Biotinylated EB10880 (0.03 $\mu$ g/ml) staining of Rat Pancreas lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.