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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 μ g/ml) staining of Rat Pancreas lysate (35 μ 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.