

Goat anti-PDIA2 (aa477-481), Biotinylated Antibody

Item Number	dAP-3381
Target Molecule	Principle Name: PDIA2 (aa477-481), Biotinylated; Official Symbol: PDIA2; All Names and Symbols: 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 iso; Accession Number (s): NP_006840.2; Human Gene ID(s): 64714; Non-Human GeneID(s): 69191 (mouse) 287164 (rat)
Immunogen	EYKSTRDLETFSK., is from internal region (near C Terminus)
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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.
IHC	
Reference	Reference(s): Honjo Y, Ito H, Horibe T, Takahashi R, Kawakami K. Protein disulfide isomerase-immunopositive inclusions in patients with Alzheimer disease. Brain research 2010 Aug 1349 : 90-6..PMID: 20550946->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**