

Goat anti-PDIA2 / PDIP Antibody

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| Item Number | dAP-1057 |
| Target Molecule | Principle Name: PDIA2 / PDIP; Official Symbol: PDIA2; All Names and Symbols: PDIA2; PDIP; protein disulfide isomerase family A, member 2 ; LA16c-314G4.2; PDA2; PDI; PDIR ; Rho GDP dissociation inhibitor gamma; pancreatic protein disulfide isomerase; protein disulfide isomerase, pancreatic; protein disulfide isomerase-associated 2; Accession Number (s): NP_006840.2; Human Gene ID(s): 64714; Non-Human GeneID(s): 69191 (mouse) |
| Immunogen | NLETTKKYAPVD, is from internal region |
| Applications | Pep ELISA, WB, IHC Species Tested: Human |
| 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 60kDa band observed in Human Pancreas lysates (calculated MW of 58.2kDa according to NP_006840.2). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour. |
| IHC | Immunohistochemistry: Paraffin embedded Human Small Intestine and Heart. Recommended concentration: 3.75µg/ml. |
| Reference | Reference(s): Uehara T, Nakamura T, Yao D, Shi ZQ, Gu Z, Ma Y, Masliah E, Nomura Y, Lipton SA. S-nitrosylated protein-disulphide isomerase links protein misfolding to neurodegeneration. Nature. 2006 May 25;441(7092):513-7. .PMID: 16724068 -> |

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**