

## Goat anti-PDIA2 (aa129-141) Antibody

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| <b>Item Number</b>     | dAP-2367  |
| <b>Target Molecule</b> | Principle Name: PDIA2 (aa129-141); Official Symbol: PDIA2; All Names and Symbols: 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; Accession Number (s): NP_006840.2; Human Gene ID(s): 64714; Non-Human GeneID(s): 69191 (mouse) 287164 (rat) |
| <b>Immunogen</b>       | THPEEYTGPRDAE, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 16000.  |
| <b>Western Blot</b>    | 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.   |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Honjo Y, Ito H, Horibe T, Takahashi R, Kawakami K. Protein disulfide isomerase-immunopositive inclusions in patients with Alzheimer disease. Brain Res. 2010 Aug 19;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**