



Goat anti-PDIA3 / ERp57 / GRP58 Antibody

Item Number	dAP-0451
Target Molecule	Principle Name: PDIA3 / ERp57 / GRP58; Official Symbol: PDIA3; All Names and Symbols: PDIA3; GRP58; ERp57; protein disulfide isomerase family A, member 3; ERp60; ERp61; GRP57; HsT17083; P58; PI-PLC; 58 kDa microsomal protein; endoplasmic reticulum P58; glucose regulated protein, 58kDa; phospholipase C-alpha; protein disulfide isomerase-ass; Accession Number (s): NP_005304.3; Human Gene ID (s): 2923; Non-Human GeneID(s): 14827 (mouse) 29468 (rat)
Immunogen	EEKPKKKKKAQEDL, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 8000.
Western Blot	Western Blot: Approx 55kDa band observed in lysates of cell lines HepG2 and NIH3T3 (calculated MW of 56.8kDa according to NP_005304.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Koivunen P, Horelli-Kuitunen N, Helaakoski T, Karvonen P, Jaakkola M, Palotie A, Kivirikko KI. Structures of the human gene for the protein disulfide isomerase-related polypeptide ERp60 and a processed gene and assignment of these genes to 15q15 and 1q21. Genomics. 1997 Jun 15;42(3):397-

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**