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EB05735-T - Goat Anti-PDIA3 / ERp57 / GRP58 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: 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-associated 3, ER60, protein disulfide-isomerase A3

Official Symbol: PDIA3

Accession Number(s): NP_005304.3

Human GeneID(s): 2923

Non-Human GenelD(s): 14827 (mouse), 29468 (rat)

Immunogen

Peptide with sequence C-EEKPKKKKKAQEDL, from the C Terminus of the protein sequence according to NP_005304.3.

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 1:4000.

Western blot: Approx 60kDa band observed in lysates of cell lines NIH3T3, HepG2 and

Daudi (calculated MW of 56.8kDa according to NP_005304.3). Recommended

concentration: 0.1-0.3µg/ml. Primary incubation was for 1 hour.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Cow



EB05735 staining (0.1µg/ml) of Daudi lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.