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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05735 - Goat Anti-PDIA3 / ERp57 / GRP58 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: protein disulfide-isomerase A3, ER60, protein disulfide isomerase-associated 3, phospholipase C-alpha, glucose regulated protein, 58kDa, endoplasmic reticulum P58, 58 kDa microsomal protein, PI-PLC, P58, HsT17083, GRP57, ERp61, ERp60, protein disulfide isomerase family A, member 3, ERp57, GRP58, PDIA3

Official Symbol: PDIA3

Accession Number(s): NP_005304.3

Human GeneID(s): [2923](#)

Non-Human GeneID(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 1:8000.

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.

Species Reactivity

Tested: Human, Mouse

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



EB05735 staining (1 μ g/ml) of HepG2 lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.