

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

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 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 (1µg/ml) of HepG2 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.