



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

[everestbiotech.com](http://everestbiotech.com)

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel +44 1869 238326

Fax +44 1869 238327

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