

## UK Office

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

## EB05735 - Goat Anti-PDIA3 / ERp57 / GRP58 Antibody

Size: 100µg specific antibody in 200µl



### 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.