



## UK Office

### Everest Biotech Ltd

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

Enquiries:

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

Sales:

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

Tech support:

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

Tel: +44 (0)1869 238326

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

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

## EB11665 - Goat Anti-Gpx1 (mouse, rat) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AI195024, AL033363, cellular glutathione peroxidase, CGPx, glutathione peroxidase 1, Gpx, Gpx1, GPx-1, GSHPx-1

**Official Symbol:** Gpx1

**Accession Number(s):** NP\_032186.2

**Non-Human GeneID(s):** 14775 (mouse), 24404 (rat)

### Immunogen

Peptide with sequence C-QSTVYAFSARP, from the internal region (near N Terminus) of the protein sequence according to NP\_032186.2.

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 1:64000.

**Western blot:** Approx 22kDa band observed in Mouse and Rat Kidney and Liver lysates (calculated MW of 22.3kDa according to Mouse NP\_032186.2 and Rat NP\_110453.3).

Recommended concentration: 0.3-1µg/ml.. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB11665 (0.3 $\mu$ g/ml) staining of Rat Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.