



## International Office

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

## EB11666 - Goat Anti-Gpx1 (mouse aa53-67) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A1195024, 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-DYTEMNDLQKRLGPR, from the internal region 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 1:128000.

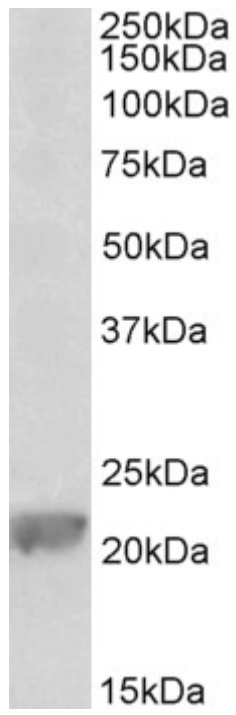
**Western blot:** Approx 22kDa band observed in Rat Kidney and Liver lysates and in Mouse Kidney lysates (calculated MW of 22.3kDa according to NP\_032186.2).

Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB11666 (0.1g/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.