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

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: Al195024, 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 GenelD(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).

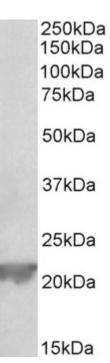
Recommended concentration: 0.3-1µg/ml.. Primary incubation 1 hour at room

temperature.

### **Species Reactivity**

Tested: Mouse, Rat

Expected from sequence similarity: Mouse, Rat, Cow



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