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**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 μ g/ml) staining of Rat Liver lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.