

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

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