



## UK Office

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

## EB06824 - Goat Anti-Glutathione peroxidase 2 (Int) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** glutathione peroxidase 2 (gastrointestinal), HGNC:4554, GPX2, GI-GPx, GSHPX-GI, gastrointestinal glutathione peroxidase 2, GPRP, GSHPx-2, glutathione peroxidase 2, glutathione peroxidase-related protein 2

**Official Symbol:** GPX2

**Accession Number(s):** NP\_002074.2

**Human GeneID(s):** [2877](#)

### Immunogen

Peptide with sequence C-SLDGEKVDFN, from the internal region of the protein sequence according to NP\_002074.2.

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 1:32000.

**Western blot:** Approx 24kDa band observed in Human Liver lysates (calculated MW of 21.9kDa according to NP\_002074.2). Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB06824 staining (0.5 $\mu$ g/ml) of Human Liver lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.