

## Glutathione Peroxidase 1 Polyclonal Antibody

**catalog number: E-AB-40584**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

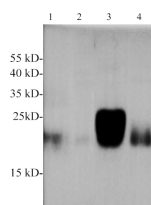
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Rat Glutathione Peroxidase 1 protein expressed by E.coli.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1000
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### Data



Western blotting with anti-Glutathione Peroxidase 1 polyclonal antibody at dilution of 1:1000. Lane 1: THP-1 cell lysate, Lane 2: 293T cell lysate, lane 3: Rat liver lysate, lane 4: Mouse brain lysate.

**Observed-MW:22 kDa**

**Calculated-MW:22 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Glutathione Peroxidase 1 (GPX1), also known as Cellular Glutathione Peroxidase, is a 201 amino acid, 23 kDa member of the glutathione peroxidase antioxidant enzyme family. The Glutathione Peroxidase family protects cell surfaces, extracellular fluid components, and enzymes from oxidative stress by catalysing the reduction of hydrogen peroxide, lipid peroxides, and organic hydroperoxide using reduced glutathione.

### For Research Use Only