

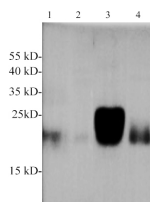
Glutathione Peroxidase 1 Polyclonal Antibody

catalog number: E-AB-40584

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Rat Glutathione Peroxidase 1 protein expressed by E.coli.
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4
Applications	Recommended Dilution
WB	1:500-1000

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	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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.