

GPX1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 22kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GPX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bi

Synonym:

GPX1; GSHPX1; MGC14399; MGC88245 ;

Catalog #: A1110

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2876

Isotype: IgG

Swiss Prot: P07203

Purity: Affinity purification

For research use only.

Background:

Glutathione peroxidase 1 (GPX1) is a cytosolic selenoprotein which reduces hydrogen peroxide to water (1). GPX1 is the most abundant and ubiquitous among the five GPX isoforms identified so far (2). It is an important component in the anti-oxidative defense in cells and is associated with a variety of disease conditions, such as colon cancer (3), coronary artery disease (4) and insulin resistance (1).

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