



GPX3 Polyclonal Antibody

| Catalog No | BYab-06851 |
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| Isotype | IgG |
| Reactivity | Human;Rat;Mouse |
| Applications | WB;ELISA |
| Gene Name | GPX3 GPXP |
| Protein Name | Glutathione peroxidase 3 (GPx-3) (GSHPx-3) (EC 1.11.1.9) (Extracellular glutathione peroxidase) (Plasma glutathione peroxidase) (GPx-P) (GSHPx-P) |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | GPX3 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 24kD |
| Cell Pathway | Secreted. |
| Tissue Specificity | Secreted in plasma. |
| Function | catalytic activity:2 glutathione + H(2)O(2) = glutathione disulfide + 2 H(2)O.,function:Protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione.,online information:Glutathione peroxidase entry,PTM:The N-terminus is blocked.,similarity:Belongs to the glutathione peroxidase family.,subunit:Homotetramer.,tissue specificity:Secreted in plasma., |
| Background | The protein encoded by this gene belongs to the glutathione peroxidase family, members of which catalyze the reduction of organic hydroperoxides and hydrogen peroxide (H2O2) by glutathione, and thereby protect cells against oxidative |

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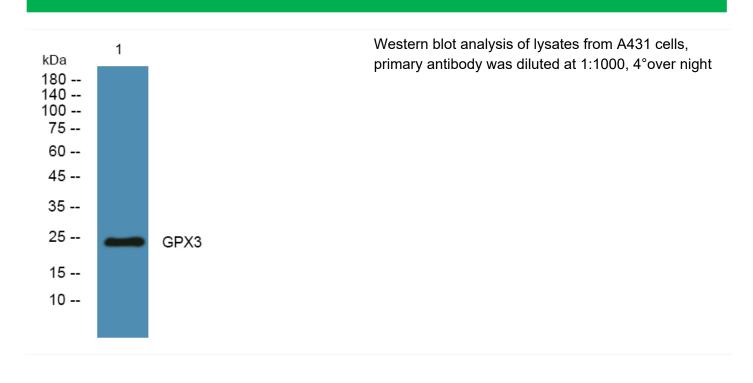


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| matters needing | abundantly found in plasma. Downregulation of expression of this gene by promoter hypermethylation has been observed in a wide spectrum of human malignancies, including thyroid cancer, hepatocellular carcinoma and chronic myeloid leukemia. This isozyme is also a selenoprotein, containing the rare amino acid selenocysteine (Sec) at its active site. Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designa |
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| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images



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