

**bsm-52772R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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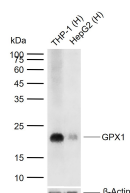
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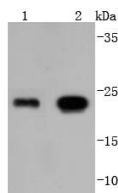
400-901-9800

**GPX1 Recombinant Rabbit mAb****— DATASHEET —**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)<br><br><b>Reactivity:</b> Human (predicted: Mouse, Rat)<br><br><b>Predicted MW.:</b> 22 kDa<br><br><b>Subcellular Location:</b> Cytoplasm |
| <b>Clonality:</b> Recombinant   | <b>CloneNo.:</b> 8C4 |  |
| <b>GeneID:</b> 2876   | <b>SWISS:</b> P07203 |  |
| <b>Target:</b> GPX1   |                      |  |
| <b>Immunogen:</b> Recombinant human Glutathione Peroxidase 1 : 1-100/203.   |                      |  |
| <b>Purification:</b> affinity purified by Protein A   |                      |  |
| <b>Concentration:</b> 1mg/ml  |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |  |
| <b>Background:</b> This gene product belongs to the family of glutathione peroxidase, which functions in the detoxification of hydrogen peroxide. It contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon, which normally signals translation termination. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq]. |                      |  |

**— VALIDATION IMAGES —**

Sample: Lane 1: Human THP-1 cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-GPX1 (bsm-52772R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 22 kDa



Sample: Lane 1: HepG2 cell lysate Lane 2: THP-1 cell lysate Primary: Anti-GPX1 (bsm-52772R) at 1:500 dilution Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution Predicted band size: 22 kD Observed band size: 22 kD