

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

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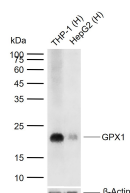
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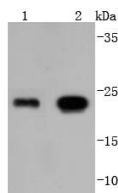
400-901-9800

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

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human (predicted: Mouse, Rat)  <b>Predicted MW.:</b> 22 kDa  <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. 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