

**Product Name: Glutathione Peroxidase 2 Rabbit Monoclonal Antibody****Catalog #: AMRe84451**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.61mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200
<b>Molecular Weight</b>	22 kDa

**Antigen Information**

<b>Gene Name</b>	Glutathione Peroxidase 2
<b>Alternative Names</b>	GI GPx; GPRP; GPRP-2; GPx-GI; GPX2; GSHPx 2; GSHPx GI; GSHPx-2; GSHPx-GI;;Glutathione peroxidase 2
<b>Gene ID</b>	
<b>SwissProt ID</b>	P18283
<b>Immunogen</b>	A synthesized peptide derived from human Glutathione peroxidase 2

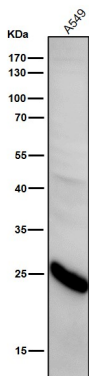
**Background**

Catalyzes the reduction of hydroperoxides in a glutathione-dependent manner thus regulating cellular redox homeostasis. Can

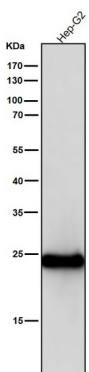
reduce small soluble hydroperoxides such as H<sub>2</sub>O<sub>2</sub>, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides. Cannot reduce phosphatidycholine hydroperoxide.

## Research Area

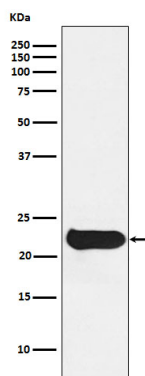
## Image Data



All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature.



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Western blot analysis of Glutathione Peroxidase 2 expression in Human stomach lysate.