

## Anti-Glutathione Peroxidase 1-Isoform 1 antibody (Internal) (STJ70942)

STJ70942

### GENERAL INFORMATION

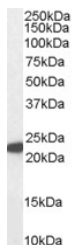
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Glutathione Peroxidase 1-Isoform 1 (Internal) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

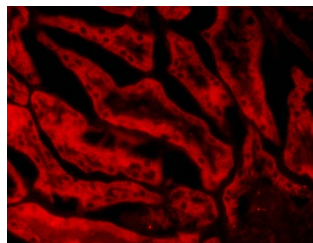
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 22kDa band observed in Human Liver lysates (calculated MW of 22.1kDa according to NP_000572.2). Recommended concentration: 1-3µg/mL. IHC: In paraffin embedded Human Cerebral
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	2876
<b>Gene Symbol</b>	GPX1
<b>Uniprot ID</b>	GPX1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	This antibody is expected to recognise isoform 1 ( NP_000572.2) only.
<b>Immunogen Sequence</b>	REALPAPSDDATA



STJ70942 (1Åug/ml) staining of Human Liver lysate (35Åug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



STJ70942 (20Åug/ml) staining of PFA-perfused cryosection of Porcin Kidney. Microwave antigen retrieval with citrate buffer pH 3, CY3-staining. Data obtained from Dr. Hrvoje Brzica, University of Zagreb, Croatia

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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