

Anti-GPX1 antibody (103-203 aa) [S5137RM] (STJ11105137)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

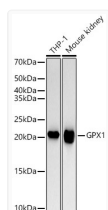
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:12000-1:72000 IHC:1:50-200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

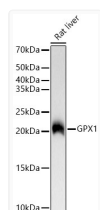
Gene ID	2876
Gene Symbol	GPX1
UniProt ID	GPX1_HUMAN
Immunogen Region	103-203 aa
Immunogen Sequence	GGFEPNFMFLFEKCEVNGAGA HPLFAFLREALPAPSDDATA LMTDPKLITWSPVCRNDVAW NFEKFLVGPDPVPLRRYSRR FQTIDIEPDIEALLSQGPSC A
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 103-203 of human GPX1. (NP_000572.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates, using GPX1 antibody (STJ11105137) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of Rat liver, using GPX1 antibody (STJ11105137) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.