

Anti-GPX1 antibody (100-200) (STJ23851)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

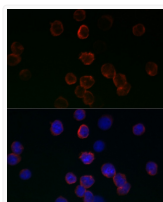
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 22kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

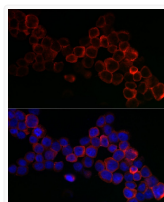
Gene ID	2876
Gene Symbol	GPX1
UniProt ID	GPX1_HUMAN
Immunogen Region	100-200
Immunogen Sequence	RPGGGFEPNFMFLFEKCEVNG AGAHLPLFAFLREALPAPSDD ATALMTDPKLITWSPVCRND VAWNFEKFLVGPDPGVPLRRY SRRFQTIDIEPDIEALLSQG P
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human GPX1 (NP_000572.2).

ADDITIONAL INFORMATION

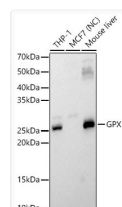
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of 293T cells using GPX1 Rabbit polyclonal antibody (STJ23851) at dilution of 1:200. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using GPX1 Rabbit polyclonal antibody (STJ23851) at dilution of 1:200. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using GPX1 Rabbit polyclonal antibody (STJ23851) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Negative control (NC) : MCF7. Exposure time: 60s.