

Anti-GPX4 antibody (30-197) (STJ11104345)

STJ11104345

GENERAL INFORMATION

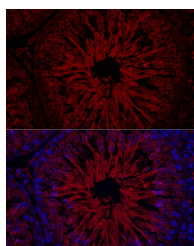
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

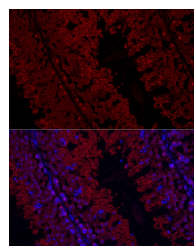
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB: 1:500-1:1000
Range	IF/CC: 1:50-1:200
	ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

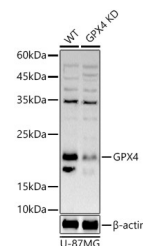
Gene ID	2879
Gene Symbol	GPX4
Uniprot ID	GPX4_HUMAN
Immunogen	
Immunogen Region	30-197
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-197 of human GPX4 (NP_002076.2).
Immunogen Sequence	ASRDDWRCARSMHEFSAKDI DGHMVNLDKYRGFVCIVTNV ASQUGKTEVNYTQLVDLHAR YAEGLRLAFPCNQFGKQE PGSNEEIKEFAAGYNVKFDMD FSKICVNGDDAHLWKWMKI QPKGKGILGNAIKWNFTKFL IDKNGCVVKRYGPMEEPLVI EKDLPHYF



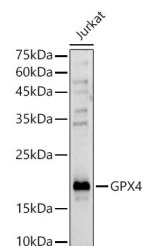
Immunofluorescence analysis of paraffin-embedded rat testis using GPX4 Rabbit polyclonal antibody (STJ11104345) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse testis using GPX4 Rabbit polyclonal antibody (STJ11104345) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and GPX4 knockdown (KD) U-87MG cells, using [KD Validated] GPX4 Rabbit polyclonal antibody (STJ11104345) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from Jurkat cells, using [KD Validated] GPX4 Rabbit polyclonal antibody (STJ11104345) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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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