

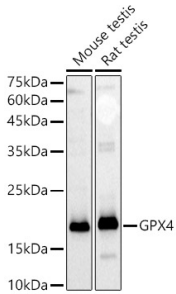
Anti-Glutathione Peroxidase 4 Antibody (A305439)

Specifications:

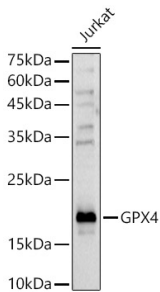
Name:	Anti-Glutathione Peroxidase 4 Antibody
Description:	Rabbit polyclonal antibody to Glutathione Peroxidase 4.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:500-1:1,000, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-197 of human GPX4 (NP_002076.2).
Sequence:	ASRDDWRCARSMHEFSAKDIDGHMVNLDKYRGFVCIVTNVASQUGKTEVNYTQLVDLH ARYAECGLRILAFPCNQFGKQEPGSNEEIKEFAAGYNVKFDMFSKICVNGDDAHPLWK WMKIQPKGKILGNAIKWNFTKFLIDKNGCVVKRYGPMEEPLVIEKDLPHYF
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	20 kDa / 22 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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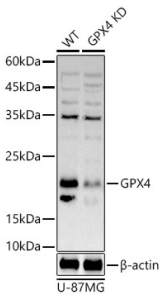
Images:



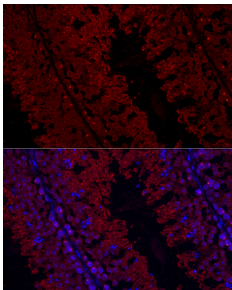
Western blot analysis of extracts of various cell lines, using Anti-Glutathione Peroxidase 4 Antibody (A305439) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of Jurkat cells, using Anti-Glutathione Peroxidase 4 Antibody (A305439) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts from wild type (WT) and GPX4 knockdown (KD) U-87MG cells, using Anti-Glutathione Peroxidase 4 Antibody (A305439) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of mouse testis cells using Anti-Glutathione Peroxidase 4 Antibody (A305439) at a dilution of 1:200 (40x lens). DAPI was used to stain the cell nuclei (blue).