

## GPX4 Rabbit mAb (AR1466)

### Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, ELISA
Isotype:	IgG, Kappa
MW:	22kD (Calculated) 22kD (Observed)

### Recommended Dilution Ratios

WB:	1:2000-10000
IHC:	1: 200-1000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	GPX4
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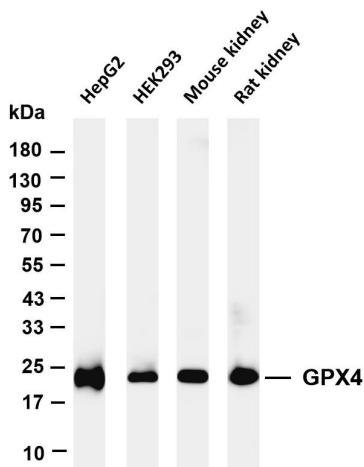
Protein Name	GPX4
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Organism	Gene ID	UniProt ID
Human	2879	P36969

Cellular Localization	Cytoplasm
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Tissue specificity	Present primarily in testis. Expressed in platelets (at protein level) (PubMed:11115402).
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Glutathione Peroxidase 4 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HepG2

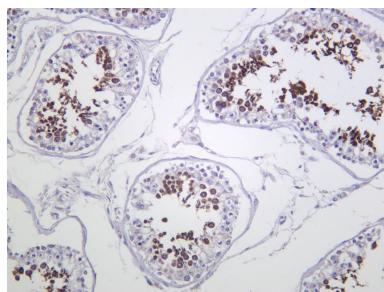
Lane 2: HEK293

Lane 3: Mouse kidney

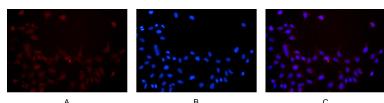
Lane 4: Rat kidney

Predicted band size: 22kDa

Observed band size: 22kDa



Human testis was stained with anti-GPX4 Rabbit antibody



Immunofluorescence analysis of HEK293. Picture A: Glutathione Peroxidase 4 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

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