

GPX4 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human GPX4(Accession P36969), corresponding to amino acid residues I170-F197.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2851923

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

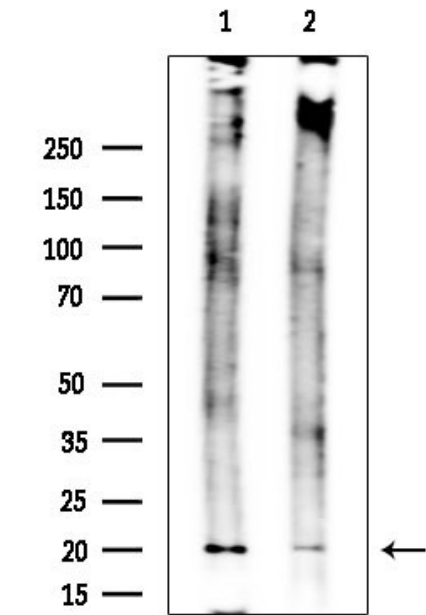
Product Specific Information

Antibody detects endogenous levels of total GPX4.

Product Images For GPX4 Polyclonal Antibody

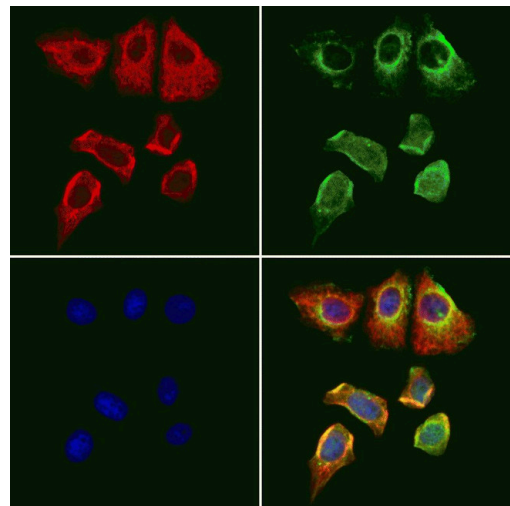
GPX4 Antibody (PA5-102521) in WB

Western blot analysis of GPX4 in extracts from various samples. Samples were incubated with GPX4 polyclonal antibody (Product # PA5-102521) using a dilution of 1:1,000. Lane 1: Mouse testis; Lane 2: Ec304 cells (heat-shock treatment). Observed bands: 20 kDa.



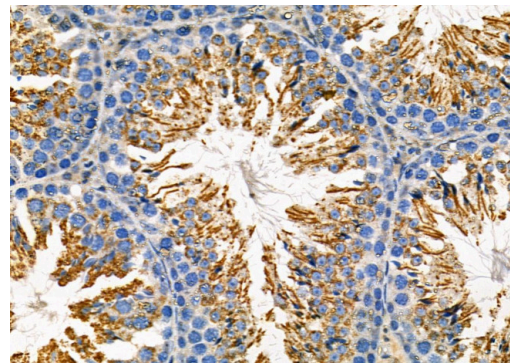
GPX4 Antibody (PA5-102521) in ICC/IF

Immunofluorescent analysis of GPX4 in HeLa cells. Samples were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100, blocked with 10% serum (45 min at 25°C), incubated with mouse anti-beta tubulin and GPX4 polyclonal antibody (Product # PA5-102521) using a dilution of 1:200 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) and goat anti-mouse IgG Alexa Fluor 488 (green).



GPX4 Antibody (PA5-102521) in IHC (P)

Immunohistochemistry analysis of GPX4 in mouse testis tissue. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with GPX4 polyclonal antibody (Product # PA5-102521) using a dilution of 1:100 (4°C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.



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