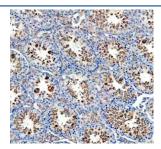


GPX4 Antibody / Glutathione Peroxidase 4 (RQ8921)

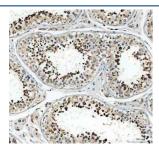
Catalog No.	Formulation	Size
RQ8921	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

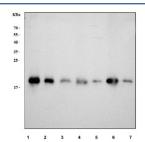
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P36969
Localization	Nuclear, cytoplasmic, membrane
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Immunoprecipitation : 2ug per 500ug of lysate
Limitations	This GPX4 antibody is available for research use only.



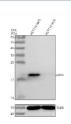
IHC staining of FFPE mouse testis tissue with GPX4 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



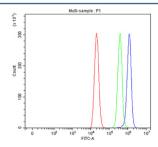
IHC staining of FFPE human testis tissue with GPX4 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) human MCF7, 3) human RT4, 4) monkey COS7, 5) rat kidney, 6) mouse testis and 7) mouse kidney tissue lysate with GPX4 antibody. Predicted molecular weight ~22 kDa.



Immunoprecipitation of GPX4 protein from 500ug of human HCT-116 whole cell lysate with 2ug of GPX4 antibody.



Flow cytometry testing of fixed and permeabilized human ThP-1 cells with GPX4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GPX4 antibody.