

Datasheet for ABIN7306054

anti-GPX4 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GPX4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human GPx-4
Specificity:	Recognizes endogenous levels of GPx-4 protein.
Characteristics:	Rabbit polyclonal antibody to GPx-4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	GPX4
Alternative Name:	GPx-4 (GPX4 Products)
Background:	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial, PHGPx, Glutathione peroxidase 4, GPx-4, GSHPx-4

Target Details

Gene ID:	2879
UniProt:	P36969

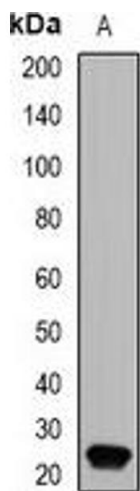
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

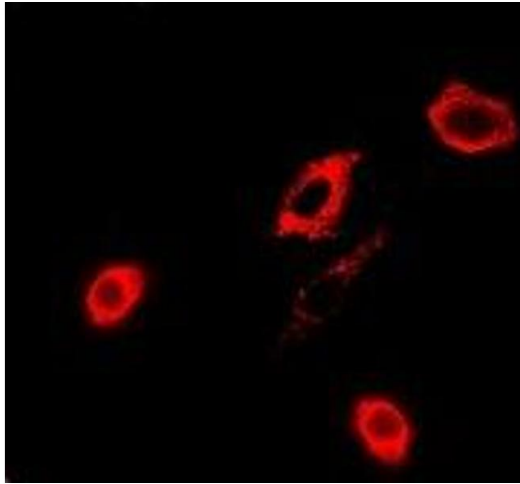
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



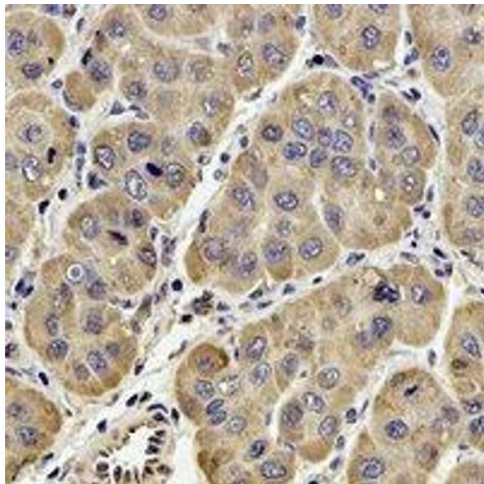
Western Blotting

Image 1. Western blot analysis of GPx-4 expression in mouse kidney (A) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of GPx-4 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 3. Immunohistochemical analysis of GPx-4 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with