

Datasheet for ABIN7438652  
**anti-GPX4 antibody (AA 74-197)**

## 9 Images

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## Overview

Quantity:	100 µL
Target:	GPX4
Binding Specificity:	AA 74-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Glutathione Peroxidase 4 (GPX4)
Immunogen:	Recombinant Glutathione Peroxidase 4 (GPX4) corresponding to Gly74~Phe197 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GPX4. It has been selected for its ability to recognize GPX4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

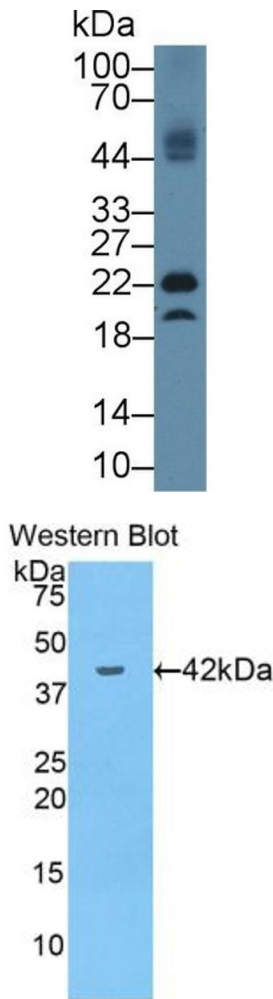
Target:	GPX4
Alternative Name:	Glutathione Peroxidase 4 ( <a href="#">GPX4 Products</a> )
Background:	MCSP, PHGPx, SnGPx, SnPHGPx, Phospholipid Hydroperoxidase, Phospholipid hydroperoxide glutathione peroxidase, mitochondrial

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

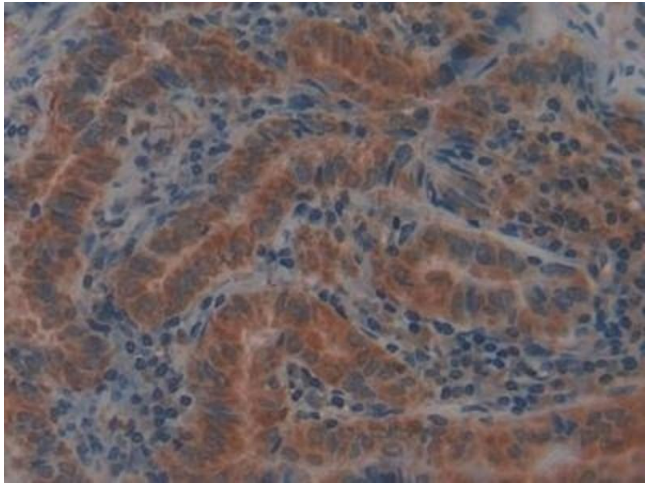


#### Western Blotting

**Image 1.** Detection of GPX4 in Mouse Testis lysate using Polyclonal Antibody to Glutathione Peroxidase 4 (GPX4)

#### Western Blotting

**Image 2.** Detection of Recombinant GPX4, Human using Polyclonal Antibody to Glutathione Peroxidase 4 (GPX4)



#### Immunohistochemistry

**Image 3.** Detection of GPX4 in Human Thyroid cancer Tissue using Polyclonal Antibody to Glutathione Peroxidase 4 (GPX4)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7438652.