

Datasheet for ABIN7431536

anti-Glutathione Peroxidase 1 antibody (AA 48-201)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Glutathione Peroxidase 1 (GPX1)
Binding Specificity:	AA 48-201
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Peroxidase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Glutathione Peroxidase 1 (GPX1)
Immunogen:	Recombinant Glutathione Peroxidase 1 (GPX1) corresponding to Gly48~Pro201 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GPX1. It has been selected for its ability to recognize GPX1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Glutathione Peroxidase 1 (GPX1)
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Target Details

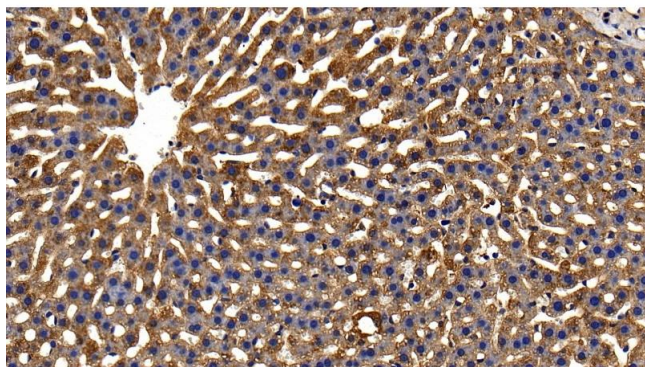
Alternative Name:	Glutathione Peroxidase 1 (GPX1 Products)
Background:	GSHPX1, Cellular glutathione peroxidase
Pathways:	Thyroid Hormone Synthesis , Sensory Perception of Sound , Skeletal Muscle Fiber Development , Cell RedoxHomeostasis , Negative Regulation of intrinsic apoptotic Signaling , SARS-CoV-2 Protein Interactome

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

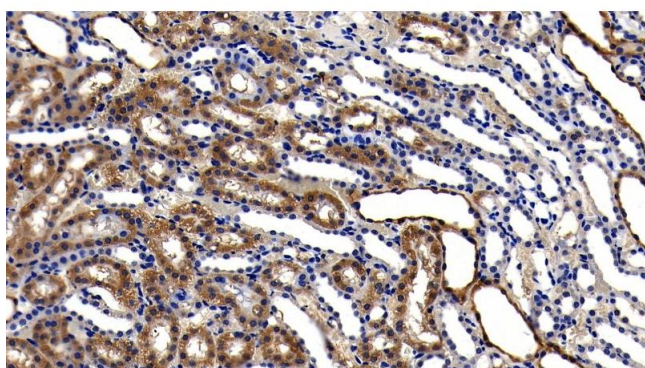
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



Immunohistochemistry

Image 1. Detection of GPX1 in Rat Liver Tissue using Polyclonal Antibody to Glutathione Peroxidase 1 (GPX1)



Immunohistochemistry

Image 2. Detection of GPX1 in Rat Kidney Tissue using Polyclonal Antibody to Glutathione Peroxidase 1 (GPX1)