

Datasheet for ABIN7443332
anti-GPX3 antibody (AA 3-72)

9 Images

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Overview

Quantity:	100 µL
Target:	GPX3
Binding Specificity:	AA 3-72
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Glutathione Peroxidase 3, Plasma (GPX3)
Immunogen:	Recombinant Glutathione Peroxidase 3, Plasma (GPX3) corresponding to Arg3~Tyr72 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GPX3. It has been selected for its ability to recognize GPX3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

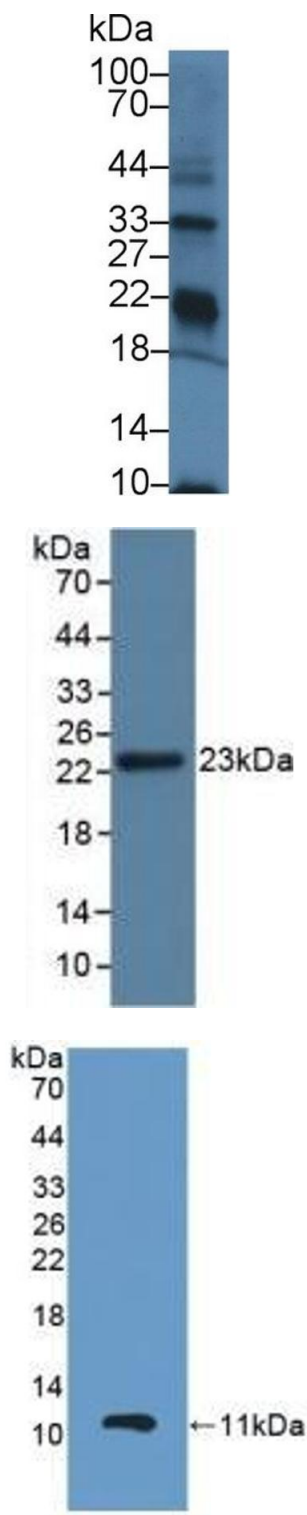
Target:	GPX3
Alternative Name:	Glutathione Peroxidase 3, Plasma (GPX3 Products)
Background:	GSHPX3, GPx-P, GSHPx-P, GPXP, Plasma glutathione peroxidase, Extracellular glutathione peroxidase
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:480-1900 Immunohistochemistry: 5-20 µg/mL 1:48-190 Immunocytochemistry: 5-20 µg/mL 1:48-190 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 GPX3 in Rat Kidney lysate using Polyclonal Antibody to Glutathione Peroxidase 3, Plasma (GPX3)

Western Blotting

Image 2. Detection of GPX3 in Rat Kidney Tissue using Polyclonal Antibody to Glutathione Peroxidase 3, Plasma (GPX3)

Western Blotting

Image 3. Detection of Recombinant GPX3, Mouse using Polyclonal Antibody to Glutathione Peroxidase 3, Plasma (GPX3)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7443332.