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Datasheet for ABIN7442165

## anti-Peroxiredoxin 5 antibody (AA 49-210)

### 5 Images

#### Overview

Quantity:	100 µL
Target:	Peroxiredoxin 5 (PRDX5)
Binding Specificity:	AA 49-210
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)
Immunogen:	Recombinant Peroxiredoxin 5 (PRDX5) corresponding to Met49~Leu210 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRDX5. It has been selected for its ability to recognize PRDX5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat, Sheep
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Peroxiredoxin 5 (PRDX5)
Alternative Name:	Peroxiredoxin 5 ( <a href="#">PRDX5 Products</a> )
Background:	PLP, PRDX6, ACR1, PMP20, PRXV, SBBI10, Thioredoxin Peroxidase PMP20, Peroxisomal Antioxidant Enzyme, TPx Type VI, Liver Tissue 2D-Page Spot 71B, Alu Co-Repressor 1
Pathways:	<a href="#">Cell RedoxHomeostasis</a>

## Application Details

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Application Notes:	Western blotting: 0.5-2 µg/mL 1:220-880 Immunohistochemistry: 5-20 µg/mL 1:22-88 Immunocytochemistry: 5-20 µg/mL 1:22-88 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

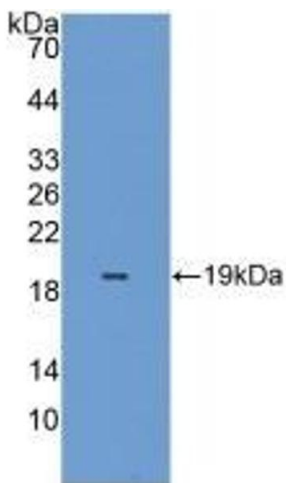
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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



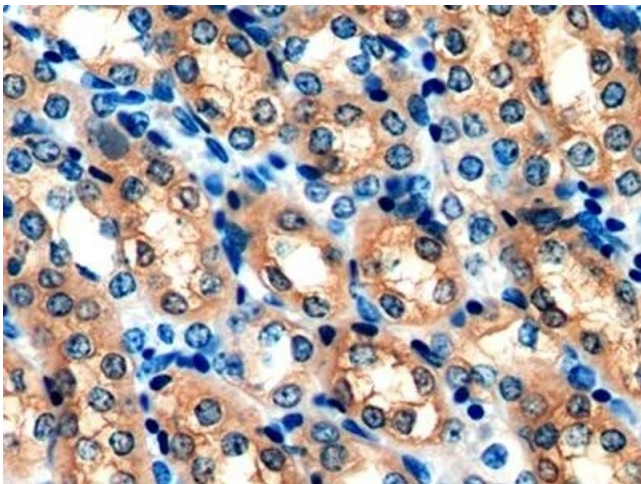
#### Western Blotting

**Image 1.** Detection of PRDX5 in Mouse Kidney lysate using Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)



#### Western Blotting

**Image 2.** Detection of Recombinant PRDX5, Mouse using Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)



#### Immunohistochemistry

**Image 3.** Detection of PRDX5 in Mouse Kidney Tissue using Polyclonal Antibody to Peroxiredoxin 5 (PRDX5)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7442165.