

Datasheet for ABIN7434350

anti-NADPH Oxidase 4 antibody (AA 220-392)



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4 Images

Overview

Quantity:	100 µL
Target:	NADPH Oxidase 4 (NOX4)
Binding Specificity:	AA 220-392
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NADPH Oxidase 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to NADPH Oxidase 4 (NOX4)
Immunogen:	Recombinant NADPH Oxidase 4 (NOX4) corresponding to Asp220~Asp392 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NOX4. It has been selected for its ability to recognize NOX4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	NADPH Oxidase 4 (NOX4)
Alternative Name:	NADPH Oxidase 4 (NOX4 Products)
Background:	KOX, KOX-1, RENOX, Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4
Pathways:	Carbohydrate Homeostasis , Smooth Muscle Cell Migration

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

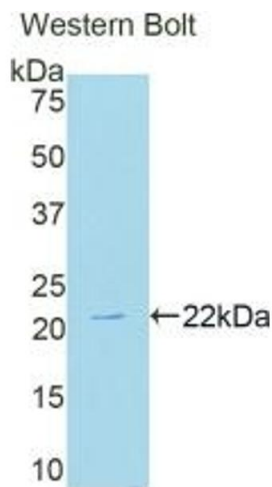
Handling

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



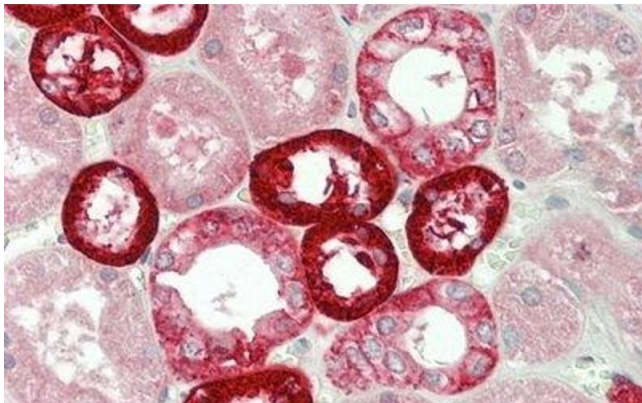
Western Blotting

Image 1. Detection of NOX4 in Human 293T cell lysate using Polyclonal Antibody to NADPH Oxidase 4 (NOX4)



Western Blotting

Image 2. Detection of Recombinant NOX4, Human using Polyclonal Antibody to NADPH Oxidase 4 (NOX4)



Immunohistochemistry

Image 3. Detection of NOX4 in Human Kidney Tissue using Polyclonal Antibody to NADPH Oxidase 4 (NOX4)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7434350.