Datasheet for ABIN363602

anti-NADPH Oxidase 4 antibody (AA 100-200)

2 Images

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Overview

Quantity:	0.1 mL
Target:	NADPH Oxidase 4 (NOX4)
Binding Specificity:	AA 100-200
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NADPH Oxidase 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide made to a region within residues 100-200 of the human NOX4 protein sequence
Specificity:	Reacts with NOX 4 from human, mouse, rat, bovine, primate, rabbit and sheep
Purification:	Antigen affinity purified

Target Details

Target:	NADPH Oxidase 4 (NOX4)
Abstract:	NOX4 Products
Pathways:	Carbohydrate Homeostasis, Smooth Muscle Cell Migration

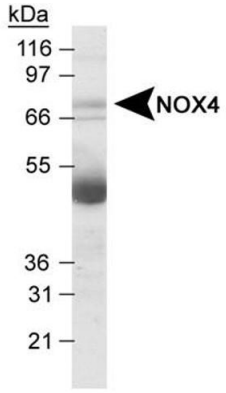
Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only: - IHC : 5 µg/mL - WB : 2 µg/mL - ICC/IF : 1/50 to 1/200
Restrictions:	For Research Use only

Handling

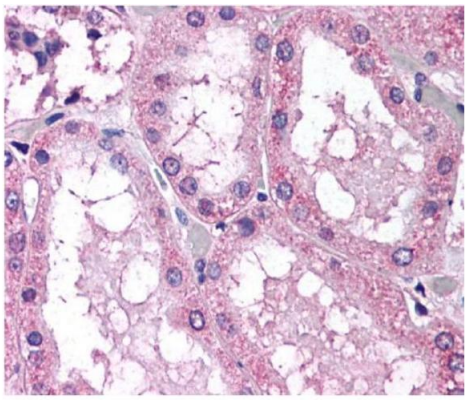
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Tris-citrate, phosphate, (pH 7-8) buffer, Sodium azide 0.1 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

Images



Detection of NOX4 in human kidney lysates using pab50293 at 2.0 µg/ml. A non-specific band is often observed running at 50 kDa in tissue lysates which is believed to correspond to the human IgG heavy chain

Image 1.



Detection of NOX4 in proximal convoluted tubules of the kidney using pab50293 at 5 µg/ml

Image 2.