

Datasheet for ABIN3031930  
**anti-NOX1 antibody (AA 243-271)**



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2 Images

## Overview

Quantity:	0.4 mL
Target:	NOX1
Binding Specificity:	AA 243-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 243-271 from the human protein was used as the immunogen for this NOX1 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	NOX1
Alternative Name:	NOX1 ( <a href="#">NOX1 Products</a> )
Background:	Voltage-gated proton (hydrogen) channels play an important role in cellular defense against acidic stress. They are unique among ion channels with respect to their extremely high selectivity, marked temperature dependence, and unitary conductance, which is 3 orders of

Target Details

magnitude lower than that of most other ion channels. NOX1 is a homolog of the catalytic subunit of the superoxide-generating NADPH oxidase of phagocytes, gp91phox. Two transcript variants encoding different isoforms have been found for this gene.

UniProt:	<a href="#">Q9Y5S8</a>
Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport</a>

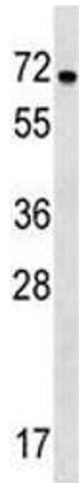
Application Details

Application Notes:	Titration of the NOX1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

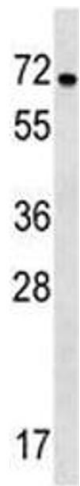
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the NOX1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** NOX1 antibody western blot analysis in WiDr lysate.



Western Blotting

**Image 2.** NOX1 antibody western blot analysis in WiDr lysate.