Datasheet for ABIN7180217

anti-NOX1 antibody (C-Term)

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1 Image

Overview

Quantity:	100 µL
Target:	NOX1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human NOX1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	NOX1
Alternative Name:	NOX1 (NOX1 Products)
Background:	Background: NOH-1S is a voltage-gated proton channel that mediates the H+ currents of

Target Details

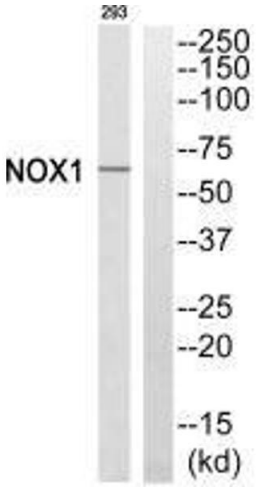
	resting phagocytes and other tissues. It participates in the regulation of cellular pH and is blocked by zinc. NOH-1L is a pyridine nucleotide-dependent oxidoreductase that generates superoxide and might conduct H+ ions as part of its electron transport mechanism, whereas NOH-1S does not contain an electron transport chain. Suh Y.-A., Nature 401:79-82(1999). Banfi B., Science 287:138-142(2000). Ota T., Nat. Genet. 36:40-45(2004). Aliases: GP91 2 antibody, Mitogenic oxidase (pyridine nucleotide dependent superoxide generating) antibody, Mitogenic oxidase 1 antibody, MOX-1 antibody, MOX1 antibody, NADH/NADPH mitogenic oxidase subunit P65 MOX antibody, NADH/NADPH mitogenic oxidase subunit P65-MOX antibody, NADPH oxidase 1 antibody, NADPH oxidase 1 variant NOH 1L antibody, NADPH oxidase homolog 1 antibody, NOH 1 antibody, NOH-1 antibody, NOH1 antibody, NOX-1 antibody, Nox1 antibody, NOX1_HUMAN antibody, RP1 146H21.1 antibody
UniProt:	Q9Y5S8
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells, using NOX1 antibody.

