Datasheet for ABIN635971

anti-NOX1 antibody (C-Term)

1 Image

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Overview

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

Product Details

Immunogen:	NOX1 antibody was raised using the C terminal of NOX1 corresponding to a region with amino acids STIATSHPKSVVGVFLCGPRTLAKSLRKCCHRYSSLDPRKVQFYFNKENF
Specificity:	NOX1 antibody was raised against the C terminal of NOX1
Purification:	Affinity purified

Target Details

Target:	NOX1
Alternative Name:	NOX1 (NOX1 Products)
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

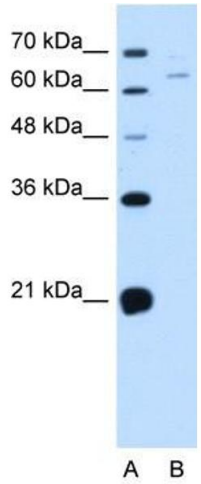
	magnitude lower than that of most other ion channels. NOX1 is a homolog of the catalytic subunit of the superoxide-generating NADPH oxidase of phagocytes, gp91phox.
Molecular Weight:	65 kDa (MW of target protein)
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport

Application Details

Application Notes:	WB: 0.5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	NOX1 Blocking Peptide, catalog no. 33R-8868, is also available for use as a blocking control in assays to test for specificity of this NOX1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NOX1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. NOX1 antibody used at 0.5 ug/ml to detect target protein.