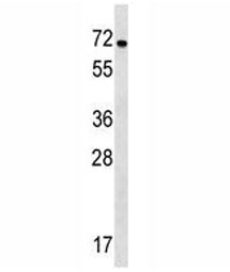
NOX1 Antibody (F45413)

Catalog No.	Formulation	Size
F45413-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45413-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y5S8
Applications	Western blot: 1:1000
Limitations	This NOX1 antibody is available for research use only.



NOX1 antibody western blot analysis in WiDr lysate.

Description

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 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.

Application Notes

Titration of the NOX1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 243-271 from the human protein was used as the immunogen for this NOX1 antibody.

Storage

Aliquot the NOX1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.