

## NOX1 Antibody

Catalog No: #34844

Package Size: #34844-1 50ul #34844-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

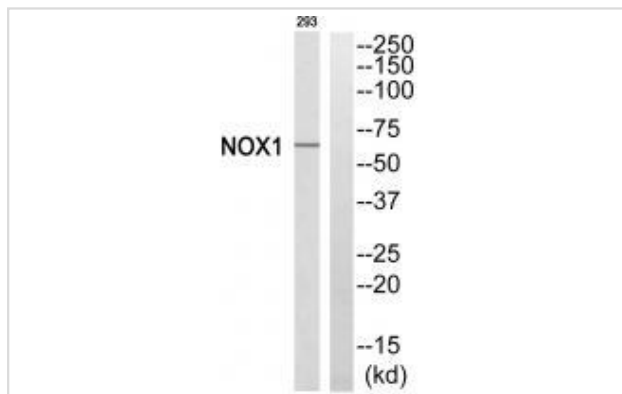
## Description

Product Name	NOX1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NOX1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human NOX1.
Target Name	NOX1
Other Names	NADPH oxidase 1; NOX-1; NOH-1; NADH/NADPH mitogenic oxidase subunit P65-MOX; Mitogenic oxidase 1
Accession No.	Swiss-Prot: Q9Y5S8NCBI Gene ID: 27035
Uniprot	Q9Y5S8
GeneID	27035;
SDS-PAGE MW	65kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from 293 cells, using NOX1 antibody #34844.

## Background

---

NOH-1S is a voltage-gated proton channel that mediates the H<sup>+</sup> currents of 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<sup>+</sup> 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).

---

Note: This product is for in vitro research use only