

NOX1 polyclonal antibody

Catalog # PAB5489

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOX1.
Immunogen	A synthetic peptide corresponding to C-terminus of human NOX1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — NOX1

Entrez GeneID [27035](#)

Gene Name NOX1

Gene Alias	GP91-2, MOX1, NOH-1, NOH1
Gene Description	NADPH oxidase 1
Omim ID	300225
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	NADPH oxidase 1 variant NOH-1L NADPH oxidase homolog-1 OTTHUMP00000023657 OTTHUMP00000023659 mitogenic oxidase (pyridine nucleotide-dependent superoxide-generating)

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Liver Cirrhosis](#)