

NOX4 polyclonal antibody

Catalog # PAB5490 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOX4.
Immunogen	A synthetic peptide corresponding to C-terminus of human NOX4.
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 — NOX4

Entrez GeneID	50507
Gene Name	NOX4

Gene Alias	KOX, KOX-1, RENOX
Gene Description	NADPH oxidase 4
Omim ID	605261
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the NOX-family of enzymes that functions as the catalytic subunit the NADPH oxidase complex. The encoded protein is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of molecular oxygen to various reactive oxygen species (ROS). The ROS generated by this protein have been implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth. A pseudogene has been identified on the other arm of chromosome 11. Alternative splicing results in multiple transcript variants</p>
Other Designations	kidney superoxide-producing NADPH oxidase renal NAD(P)H-oxidase

Disease

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