

## Product Datasheet

# NADPH oxidase 4/NOX4 Rabbit Polyclonal Antibody (orb97055)

<b>Catalog Number</b>	orb97055
<b>Category</b>	Antibodies
<b>Description</b>	NADPH oxidase 4/NOX4 Rabbit Polyclonal Antibody
<b>Target</b>	NADPH oxidase 4
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
<b>Buffer/Preservatives</b>	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
<b>Reconstitution</b>	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
<b>Purification</b>	Immunogen affinity purified.

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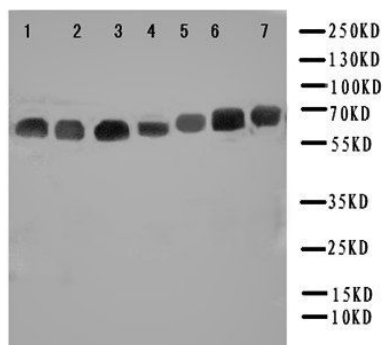
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<b>Immunogen</b>	A synthetic peptide corresponding to a sequence at the C-terminus of mouse NADPH oxidase 4, identical to the related rat sequence and different from the related human sequence by two amino acids.
<b>UniProt ID</b>	<b>Q9JH18</b>
<b>MW</b>	67 kDa
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human
<b>Specificity</b>	No cross reactivity with other proteins.
<b>Cross Reactivity</b>	No cross-reactivity with other proteins
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Lane 1: Rat Kidney Tissue Lysate, Lane 2: Rat Cardiac Muscle Tissue Lysate, Lane 3: Rat Spleen Tissue Lysate, Lane 4: HELA Cell Lysate, Lane 5: 293T Cell Lysate, Lane 6: MCF-7 Cell Lysate, Lane 7: SMMC Cell Lysate using NOX4 antib

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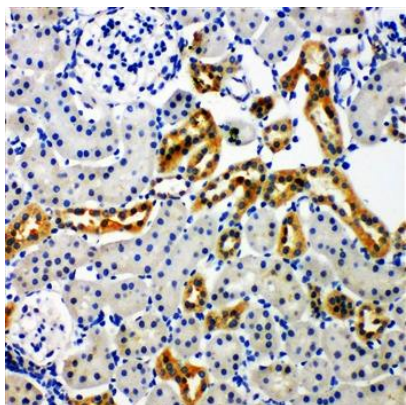
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Immunohistochemical analysis of formalin-fixed paraffin embedded Rat Kidney Tissue using NOX4 antibody

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