



# Nox4 Antibody, Biotin conjugated

<b>Product Code</b>	CSB-PA015961LD01RA
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q924V1
<b>Immunogen</b>	Recombinant Rat NADPH oxidase 4 protein (210-424AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Tested Applications</b>	ELISA
<b>Relevance</b>	Constitutive NADPH oxidase which generates superoxide intracellularly upon formation of a complex with CYBA/p22phox. Regulates signaling cascades probably through phosphatases inhibition. May function as an oxygen sensor regulating the KCNK3/TASK-1 potassium channel and HIF1A activity. May regulate insulin signaling cascade. May play a role in apoptosis, bone resorption and lipopolysaccharide-mediated activation of NFKB.
<b>Form</b>	Liquid
<b>Conjugate</b>	Biotin
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	NADPH oxidase 4 (EC 1.6.3.-) (Kidney oxidase-1) (KOX-1) (Kidney superoxide-producing NADPH oxidase), Nox4, Kox
<b>Species</b>	Rattus norvegicus (Rat)
<b>Research Area</b>	Cardiovascular
<b>Target Names</b>	Nox4