

Rabbit Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 (NOX4) Polyclonal Antibody | anti-NOX4 antibody

Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 (NOX4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133045	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

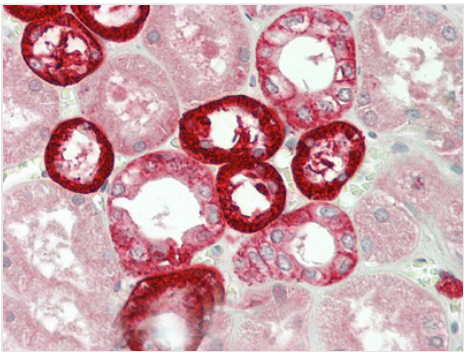
PRODUCT SYNONYMS

Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 (NOX4); Polyclonal Antibody; Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 (NOX4); anti-NOX4 antibody

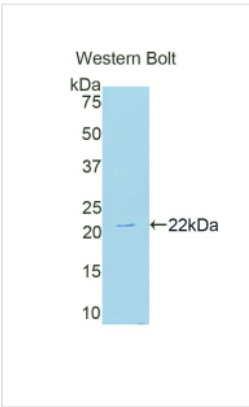
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NOX4. It has been selected for its ability to recognize NOX4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₂ S ₂ O ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below. MG HHHHHHSGSE F-DTHPPGCI SLNRTSSQNI SLPEYFSEHF HEPFPEGFSK PAFTQHKFV KICMEEPRFQ ANFPQTWLWI SGPLCLYCAE RLYRYIRSNK PVTIISVMSH PSDVMEIRMV KENFKARPGQ YITLHCPSVS ALENHPFTLT MCPETKATF GVHLKIVGDW TERFRDLLLLP PSSQD
Sequence Length	543
Applicable Applications for anti-NOX4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NOX4 (Asp220~Asp392) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

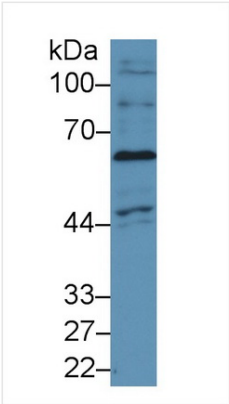
IMAGES



IHC (Immunohistochemisry)
HE staining on IHC-P; Samples: Human Kidney Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Hela cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human NOX4
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842346
NCBI GeneID	50507
NCBI Accession #	NP_001137308.1
NCBI GenBank Nucleotide #	NM_001143836.2
UniProt Accession #	Q9NPH5; Q5K3R4; Q5K3R5; Q5K3R6; Q5K3R8; Q7Z7G3; Q86V92; A8K715; B7Z520; E7EMD7
Molecular Weight	59,915 Da
NCBI Official Full Name	NADPH oxidase 4 isoform b
NCBI Official Synonym Full Names	NADPH oxidase 4
NCBI Official Symbol	NOX4
NCBI Official Synonym Symbols	KOX; KOX-1; RENOX
NCBI Protein Information	NADPH oxidase 4
UniProt Protein Name	NADPH oxidase 4
UniProt Gene Name	NOX4
UniProt Synonym Gene Names	RENOX; KOX-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nicotinamide-adenine-dinucleotide-phosphate-oxidase-4-nox4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133045>