

Rabbit anti-Human, Mouse NOX4 Polyclonal Antibody | anti-NOX4 antibody

NOX4 Polyclonal Antibody

CATALOG # AAA280808	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

NOX4; Polyclonal Antibody; NOX4 Polyclonal Antibody; KOX; KOX-1; RENOX; NADPH oxidase 4; anti-NOX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Applicable Applications for anti-NOX4 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 328-578 of human NOX4 (NP_058627.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

ADDITIONAL INFORMATION

Related Product Information for anti-NOX4 antibody	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.
Product Categories/Family for anti-NOX4 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	212276447
NCBI GeneID	50507
UniProt Accession #	Q9NPH5 ; Q5K3R4 ; Q5K3R5 ; Q5K3R6 ; Q5K3R8 ; Q7Z7G3 ; Q86V92 ; A8K715 ; B7Z520 ; E7EMD7
Molecular Weight	Observed MW 75kDa Calculated MW 6kDa/25-31kDa/58-66kDa
NCBI Official Full Name	NADPH oxidase 4
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://www.aaabiotech.com/polyclonal/nox4-antibody-western-blot-elisa/280808>