

NOX4

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 67kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human NOX4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

KOX; KOX-1; RENOX;

Catalog #: A2201

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 50507

Isotype: IgG

Swiss Prot: Q9NPH5

Purity: Affinity purification

For research use only.

Background:

NOX4 (NADPH oxidase 4) is a phagocyte-type oxidase, similar to that responsible for the production of large amounts of reactive oxygen species (ROS) in neutrophil granulocytes with resultant antimicrobial activity and it has been postulated to function in the kidney as an oxygen sensor that regulates the synthesis of erythropoietin in the renal cortex. NOX4 has 7 isoforms and the molecular weight are 7KDa, 26-32KDa, 58-67KDa, 75-80KDa (PMID:11728818). This antibody is specific to NOX4.

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