

## 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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A2201

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**50507

**Isotype:**IgG

**Swiss Prot:**Q9NPH5

**Purity:**Affinity purification

For research use only.