

# NOX4 Rabbit Monoclonal Antibody



CAB3656

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

67KDa

### Calculated MW:

67kDa

### Applications:

WB

### Reactivity:

Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

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.[provided by RefSeq, Jan 2009]

## Immunogen information

### Gene ID:

50507

### Uniprot

Q9NPH5

### Synonyms:

KOX; KOX-1; RENOX

### Immunogen:

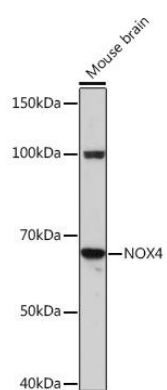
A synthesized peptide derived from human NOX4

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Product Images

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Western blot - NOX4 Rabbit mAb (CAB3656)