

NOX4 Rabbit Polyclonal Antibody



CAB2201

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

67kDa

Calculated MW:

6kDa/25-31kDa/58-66kDa

Applications:

WB

Reactivity:

Human, Mouse

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.

Immunogen information

Gene ID:

50507

Uniprot

Q9NPH5

Synonyms:

NOX4; KOX; KOX-1; RENOX

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 444-578 of human NOX4 (NP_058627.1).

Storage:

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

Product Images
