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NOX4 Polyclonal Antibody

Cat #: G-AB-05359

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse NOX4

Conjugation: Unconjugated

Swissprot: Q9NPH5,Q9JHI8,Q924V1

Calculated Molecular Weight: 70 kDa

Observed Molecular Weight: 70 kDa

Concentration: 0.9 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:1000-1:2000, IHC 1:400-1:1000

Storage: Store at -20°C. Avoid freeze / thaw cycles.