

[KO Validated] NADPH oxidase 4 (NOX4) Rabbit pAb

Catalog No.: A11274 **KO Validated** **28 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

67kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

50507

Swiss Prot

Q9NPH5

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

KOX; KOX-1; RENOX; 4)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

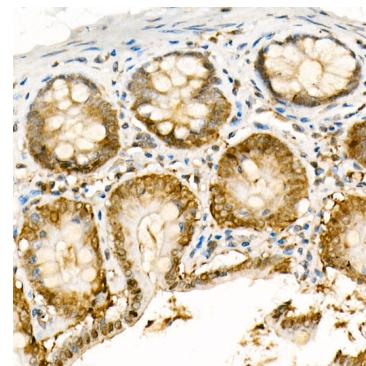
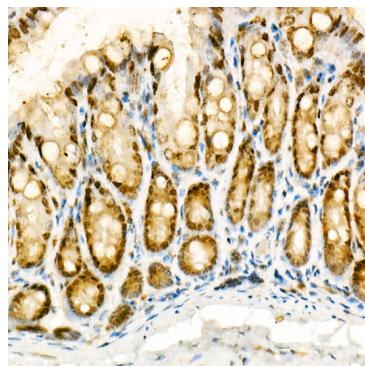
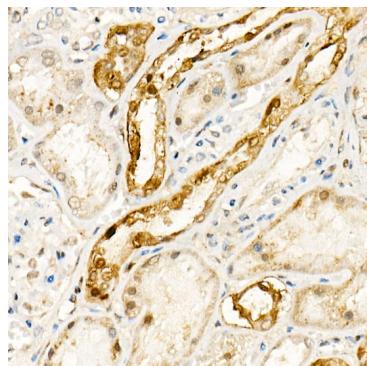
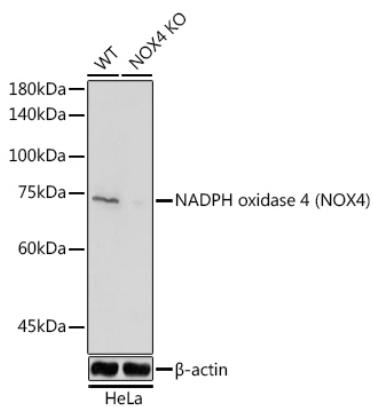
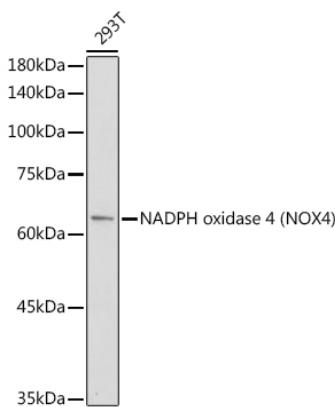
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Antibody | Protein | ELISA Kits | Enzyme | NGS | Service

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