NOX4 Rabbit mAb

Catalog No: #58679

Package Size: #58679-1 50ul #58679-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	NOX4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	NOX4 Antibody detects endogenous levels of total NOX4
Immunogen Description	A synthesized peptide derived from human NOX4
Other Names	NADPH oxidase 4; Kidney oxidase-1; KOX-1; KOX1; Kidney superoxide-producing NADPH oxidase; Renal NAD(P)H-oxidase; NOX4; RENOX;
Accession No.	Uniprot:Q9NPH5
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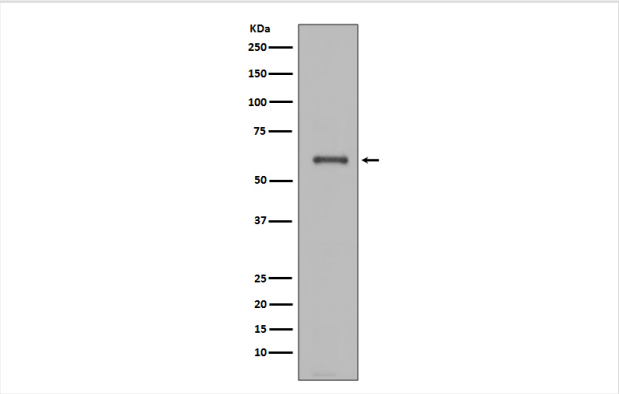
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

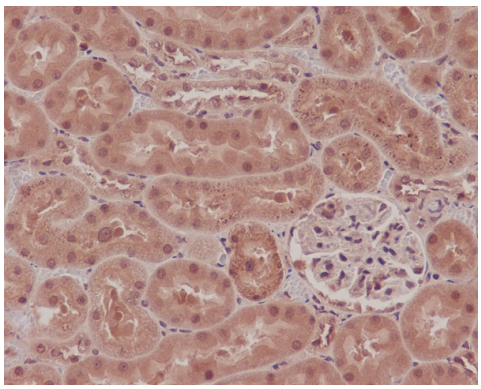
Application Details

WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

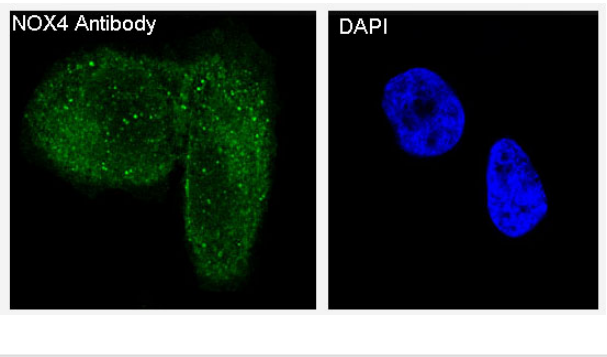
Images



Western blot analysis of NOX4 expression in JAR cell lysate.



Immunohistochemical analysis of paraffin-embedded rat kidney, using NOX4 Antibody .



Immunofluorescent analysis of HeLa cells, using NOX4 Antibody .

Product Description

The superoxide-generating NADPH oxidase includes a membrane-bound flavocytochrome containing two subunits, gp91-phox and p22-phox, and the cytosolic proteins p47-phox and p67-phox. During activation of the NADPH oxidase, p47-phox and p67-phox migrate to the plasma membrane where they associate with the flavocytochrome, cytochrome b558, to form the active enzyme complex.

Background

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Note: This product is for in vitro research use only