

Anti-NADPH oxidase 4/NOX4 pAb



WL06196

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

| | | |
|-----------------------|---|--------------|
| Product name | Anti-NADPH oxidase 4/NOX4 Rabbit pAb | |
| Source | Rabbit | |
| Species reactivity | Human, Mouse, Rat | |
| Tested applications | WB | 1:500-1:1000 |
| | IHC | 1:50-1:200 |
| | IF | 1:200 |
| Cellular localization | Cell junction, Cell membrane, Endoplasmic reticulum membrane, Nucleus | |
| Pack size | 50/100/200/500/1000μl | |
| Storage | Store at -20°C. Avoid freeze/thaw cycles. | |
| Storage buffer | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml | |
| | BSA, 50% glycerol and less than 0.02% sodium azide | |

General Information

| | |
|--------------|---|
| Background | NOX4 (NADPH oxidase 4) is a phagocyte-type oxidase, similar to that responsible for the production of large amounts of reactive oxygen species (ROS) in neutrophil granulocytes with resultant antimicrobial, 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. |
| Immunogen | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NADPH oxidase 4/NOX4. |
| Purification | Polyclonal antibody was purified by immunogen affinity chromatography. |

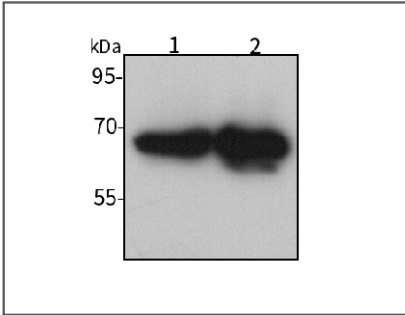
Anti-NADPH oxidase 4/NOX4 Rabbit pAb



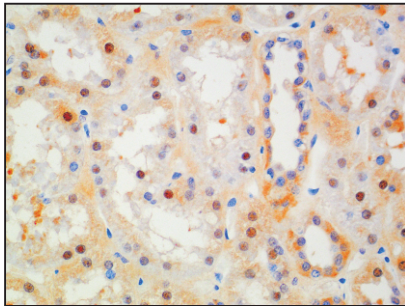
WL06196

For Research Use Only. Not For Use In Diagnostic Procedures

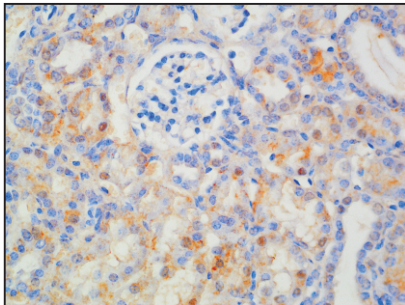
Product Images



Western blot-Anti-NADPH oxidase 4/NOX4 pAb
Lane 1: Human Hela cell lysate
Lane 2: Human HEK-293 cell lysate
All lanes: Anti-NADPH oxidase 4/NOX4 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 67 kDa
Observed band size: 67 kDa



Immunohistochemistry-Anti-NADPH oxidase 4/NOX4 pAb
Immunohistochemical analysis of paraffin-embedded human kidney using anti-NADPH oxidase 4/NOX4 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-NADPH oxidase 4/NOX4 pAb
Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-NADPH oxidase 4/NOX4 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

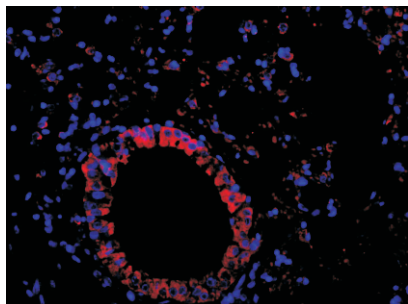
Anti-NADPH oxidase 4/NOX4 Rabbit pAb



WL06196

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-NADPH oxidase 4/NOX4 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-NADPH oxidase 4/NOX4 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0