

Product Datasheet

Anti-NADPH oxidase 4/NOX4 pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL06196

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.

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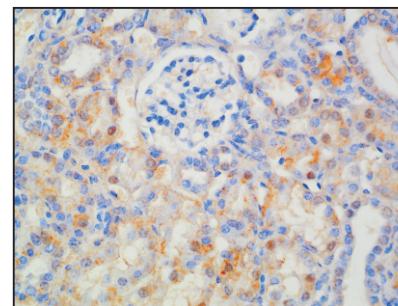
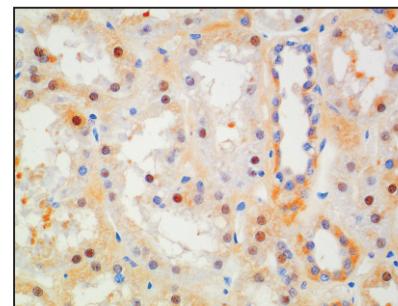
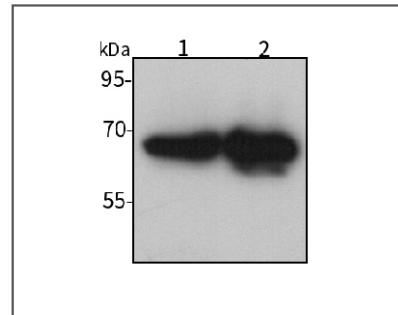
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Product Images



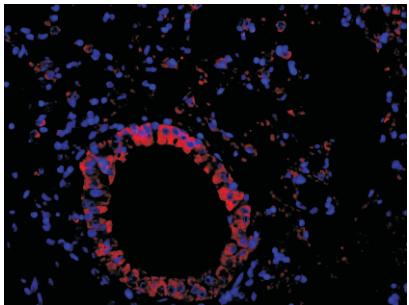


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Immunofluorescence-Anti-NADPH oxidase 4/NOX4 pAb

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