

Anti-NADPH oxidase 4 Rabbit pAb



WL05963

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-NADPH oxidase 4 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
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 activity and it has been postulated to function in the kidney as an oxygen sensor that regulates the synthesis of erythropoietin in the renal cortex. 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.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

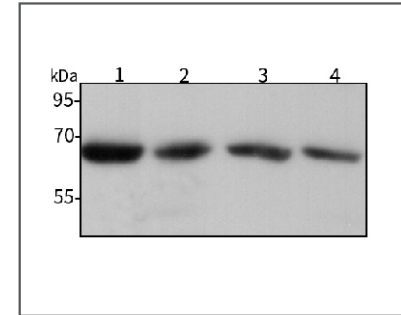
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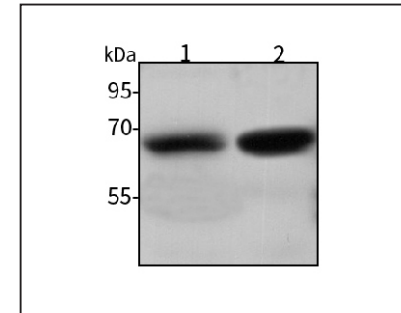
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Product Images



Western blot-Anti-NADPH oxidase 4 pAb

Lane 1: Human HEK-293 cell lysate
 Lane 2: Human HCT116 cell lysate
 Lane 3: Human MDA-MB-231 cell lysate
 Lane 4: Human A549 cell lysate
 All lanes: Anti-NADPH oxidase 4 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa



Western blot-Anti-NADPH oxidase 4pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Rat kidney tissue lysate
 All lanes: Anti-NADPH oxidase 4 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 67 kDa
 Observed band size: 67 kDa