

anti- NOX4 antibody

Product Information

Catalog No.:	FNab05806
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Constitutive NADPH oxidase which generates superoxide intracellularly upon formation of a complex with CYBA/p22phox. Regulates signaling cascades probably through phosphatases inhibition. May function as an oxygen sensor regulating the KCNK3/TASK-1 potassium channel and HIF1A activity. May regulate insulin signaling cascade. May play a role in apoptosis, bone resorption and lipopolysaccharide-mediated activation of NFκB. May produce superoxide in the nucleus and play a role in regulating gene expression upon cell stimulation.

Immunogen information

Immunogen:	NADPH oxidase 4
Synonyms:	Kidney oxidase 1, KOX, KOX 1, NADPH oxidase 4, NOX4, Renal NAD(P)H oxidase, RENOX
Observed MW:	60 kDa
UniprotID :	Q9NPH5

Application

Reactivity:	Human, Mouse, Rat
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Wuhan Fine Biotech Co., Ltd.

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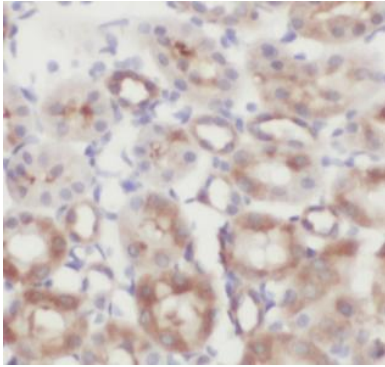
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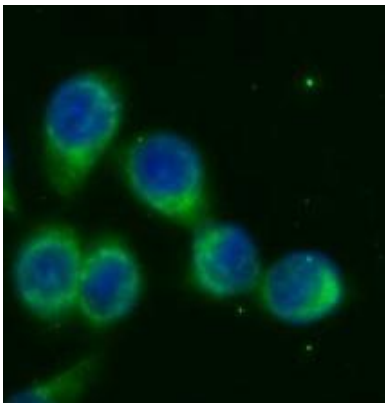
Tested Application: ELISA, WB, IHC, IP, IF, FC

Recommended dilution: WB: 1:200-1:2000; IP: 1:500-1:2000; IHC: 1:100-1:400; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab05806 (NOX4 Antibody) at dilution of 1:200



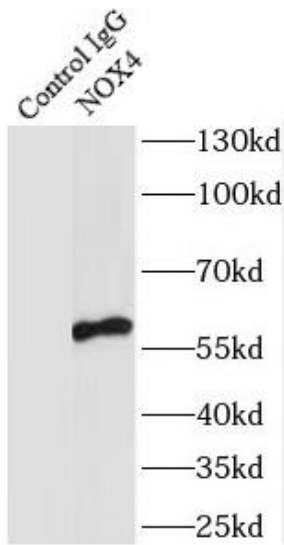
Immunofluorescent analysis of BxPC-3 cells using FNab05806 (NOX4 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L)

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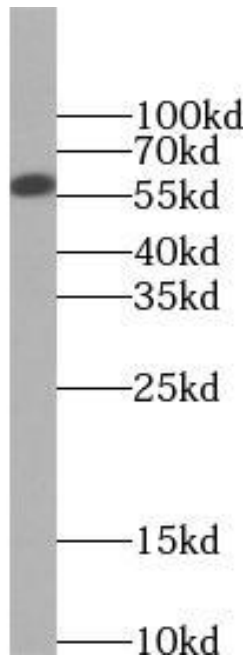
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IP Result of anti-NOX4 (IP:FNab05806, 3ug;
Detection:FNab05806 1:1000) with HEK-293 cells
lysate 1700ug.



HeLa cells were subjected to SDS PAGE followed
by western blot with FNab05806(NOX4 antibody)
at dilution of 1:600