

NOX4 antibody

Cat. No. GTX12205

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.1-0.5µg/ml
ICC/IF	0.5-1µg/ml
IHC-P	0.5-1µg/ml
IHC-Fr	0.5-1µg/ml
FCM	1-3µg/1x10 ⁶ cells

Not tested in other applications.

Calculated MW 67 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1% Na ₂ HPO ₄ , 0.45% NaCl, 2.5% BSA
Preservative	0.025% Thimerosal, 0.025% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	500 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse NADPH oxidase 4(561-578aa NRNNSYGTKFEYNKES), identical to the related rat sequence and different from the related human sequence by two amino acids.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



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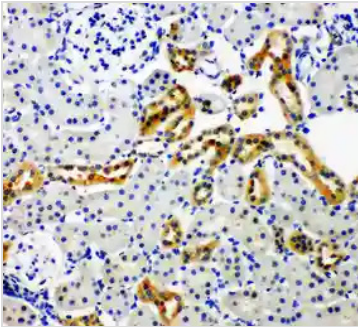
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Note

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DATA IMAGES

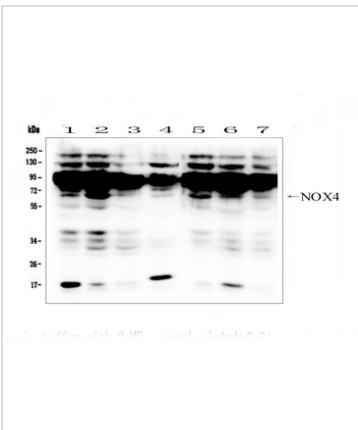


GTX12205 IHC-P Image

IHC-P analysis of rat kidney tissue using GTX12205 NOX4 antibody.

Antigen retrieval : Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins

Dilution : 1µg/ml



GTX12205 WB Image

WB analysis of various samples using GTX12205 NOX4 antibody.

Lane 1 : human HepG2 whole cell lysates

Lane 2 : human SW620 whole cell lysates

Lane 3 : human HK-2 whole cell lysates

Lane 4 : human HL-60 whole cell lysates

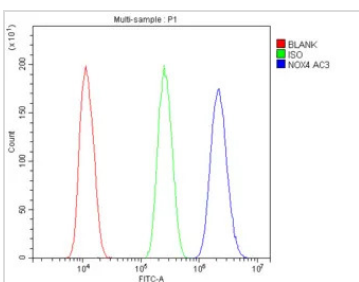
Lane 5 : human 293T whole cell lysates

Lane 6 : human SW579 whole cell lysates

Lane 7 : human SK-OV-3 whole cell lysates

Dilution : 0.5 µg/mL

Loading : 50µg of sample under reducing conditions



GTX12205 FCM Image

FACS analysis of U2OS cells using GTX12205 NOX4 antibody.

Blue : Primary antibody

Green : Isotype control

Red : Cell only control

Antibody amount : 1µg/1x10⁶ cells for 30 min at 20°C



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