



Anti-NOX1 antibody ab121009

8 References **2 图像**

概述

产品名称	Anti-NOX1抗体
描述	山羊多克隆抗体to NOX1
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Rabbit, Guinea pig, Dog, Pig, Rhesus monkey, Gorilla 
免疫原	Synthetic peptide: DKATDIVTGLKQK with a Cysteine residue linker, corresponding to internal sequence amino acids 490-502 of Human NOX1 (NP_008983.2) or 441-453 of Human NOX1 (NP_039249.1).  Run BLAST with  Run BLAST with
阳性对照	WB: HeLa, CaCo-2, A549 and U937 cell lysates; IHC-P: Human kidney tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab121009 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab121009于以下的经测试应用

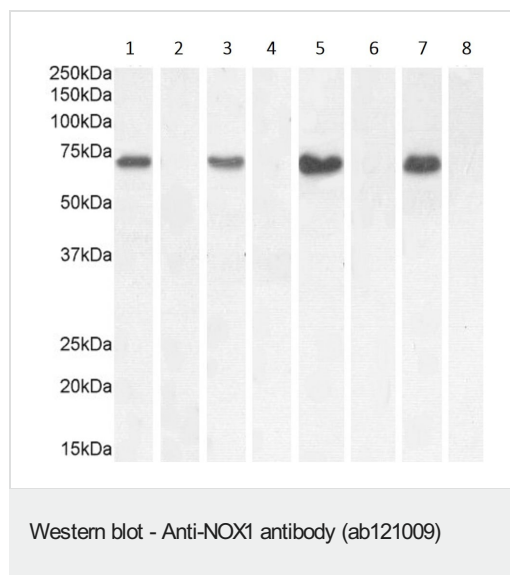
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 7.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	NOH-1S is a voltage-gated proton channel that mediates the H(+) currents of resting phagocytes and other tissues. It participates in the regulation of cellular pH and is blocked by zinc. NOH-1L is a pyridine nucleotide-dependent oxidoreductase that generates superoxide and might conduct H(+) ions as part of its electron transport mechanism, whereas NOH-1S does not contain an electron transport chain.
组织特异性	NOH-1L is detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes. NOH-1S is detected only in colon and colon carcinoma cells.
序列相似性	Contains 1 FAD-binding FR-type domain. Contains 1 ferric oxidoreductase domain.
细胞定位	Cell projection > invadopodium membrane.

图片



All lanes : Anti-NOX1 antibody (ab121009) at 0.5 µg/ml

Lane 1 : CaCo-2 cell lysate

Lane 2 : CaCo-2 + peptide cell lysate

Lane 3 : HeLa cell lysate

Lane 4 : HeLa + peptide cell lysate

Lane 5 : A549 cell lysate

Lane 6 : A549 + peptide cell lysate

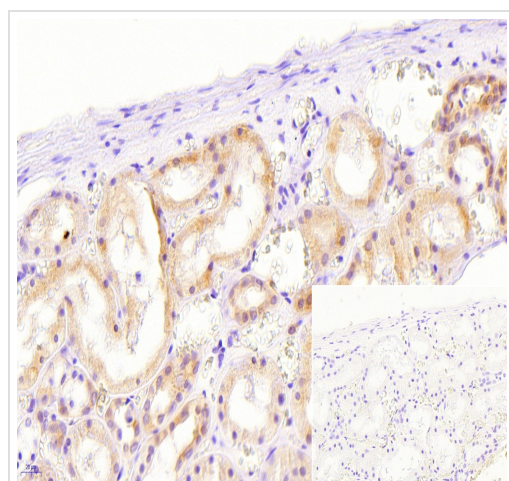
Lane 7 : U937 cell lysate

Lane 8 : U937 + peptide cell lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 65 kDa

Lysates in RIPA buffer. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling NOX1 with ab121009 at 7.5 µg/mL. Heat mediated antigen retrieval was performed using citrate buffer pH 6. An HRP-conjugated secondary antibody was used. Counterstained with hematoxylin.

Inset: Negative control showing staining of paraffin embedded human kidney, with no primary antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NOX1 antibody (ab121009)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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