




Anti-NOX1 antibody ab121009

8 References [画像数 2](#)

製品の概要

製品名	Anti-NOX1 antibody
製品の詳細	Goat polyclonal to NOX1
由来種	Goat
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: 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
ポジティブ・コントロール	WB: HeLa, CaCo-2, A549 and U937 cell lysates; IHC-P: Human kidney tissue.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
精製度	Immunogen affinity purified
特記事項 (精製)	ab121009 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

ポリ/モノ
アイソタイプ

ポリクローナル
IgG

アプリケーション

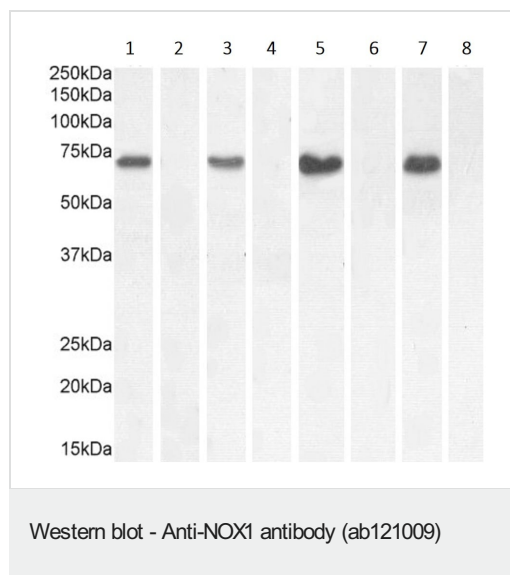
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab121009の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Contains 1 FAD-binding FR-type domain. Contains 1 ferric oxidoreductase domain.
細胞内局在	Cell projection > invadopodium membrane.

画像



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

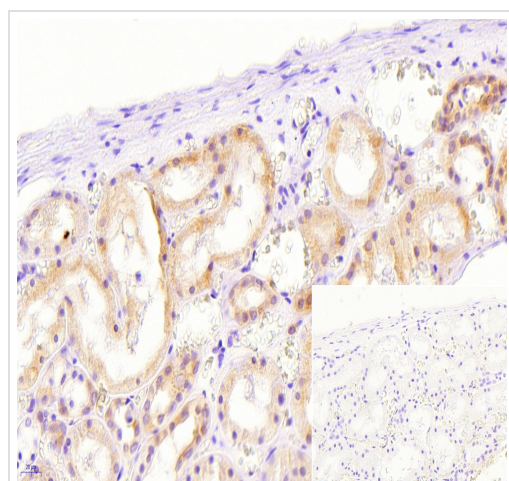
Lane 7 : U937 cell lysate

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) - Anti-NOX1 antibody (ab121009)

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.

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