


Product datasheet

Anti-NOX1 antibody ab121009

1 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
種交差性	交差種: Mouse, 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	Human and Mouse colon lysates, cultured transgenic Mouse aortic smooth muscle cells (MASM).

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: 99% Tris buffered saline, 0.5% BSA
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	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab121009** in the following tested applications.

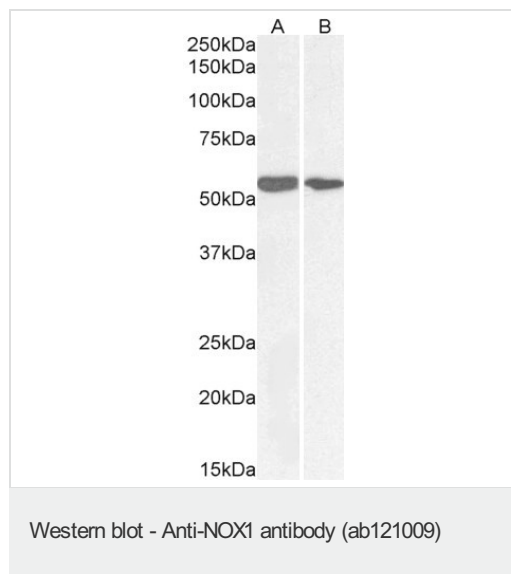
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa). Can be blocked with Human NOX1 peptide (ab229702) .

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



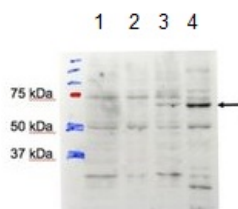
All lanes : Anti-NOX1 antibody (ab121009) at 0.1 µg/ml

Lane 1 : Colorectal adenocarcinoma cell lysate (35µg protein in RIPA buffer)

Lane 2 : HeLa cell lysate (35µg protein in RIPA buffer)

Predicted band size: 65 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.



Western blot - Anti-NOX1 antibody (ab121009)

All lanes : Anti-NOX1 antibody (ab121009) at 1 µg/ml

Lane 1 : WT MASM cell lysate (in RIPA buffer)

Lane 2 : Knock out MASM cell lysate (in RIPA buffer)

Lane 3 : Transgenic MASM cell lysate (in RIPA buffer)

Lane 4 : Mouse colon lysate (in RIPA buffer)

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 65 kDa

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