

Product datasheet

Anti-NOX1 antibody ab121009

画像数 2

製品の概要

製品名	Anti-NOX1 antibody
製品の詳細	Goat polyclonal to NOX1
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.

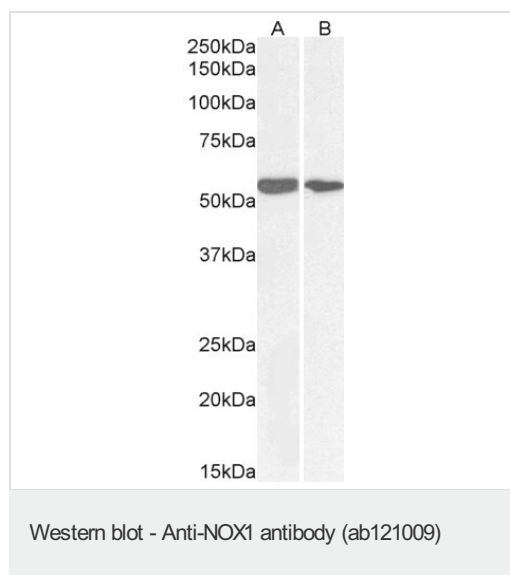
アプリ ケーショ ン	Abreviews	特記事項
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WB Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa). Can be blocked with [Human NOX1 peptide \(ab229702\)](#).

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



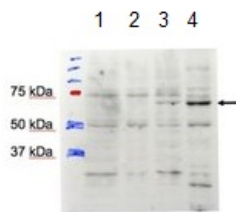
All lanes : Anti-NOX1 antibody (ab121009) at 0.1 µg/ml

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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