

Product datasheet

Anti-NOX1 antibody ab55831

★★★★☆ 6 Abreviews 17 References 画像数 1

製品の概要

製品名	Anti-NOX1 antibody
製品の詳細	Rabbit polyclonal to NOX1
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, ELISA
種交差性	交差種: Mouse, Human, Pig
免疫原	Synthetic peptide corresponding to C terminal residues of human NOX1.

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 freeze / thaw cycles.
バッファー	Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, PBS
精製度	Immunogen affinity purified
特記事項(精製)	Purified by antigen specific affinity chromatography.
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 **ab55831** in the following tested applications.

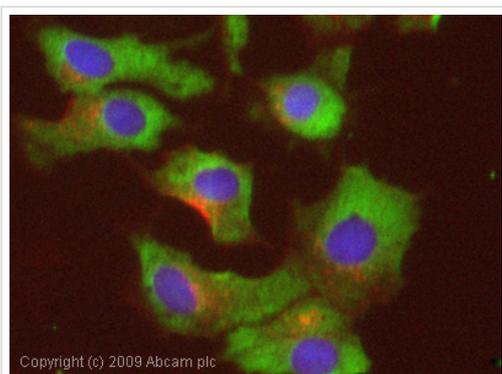
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★	Use a concentration of 1 µg/ml.
WB	★★★★☆	Use at an assay dependent concentration. Predicted molecular weight: 65 kDa. Can be blocked with NOX1 peptide (ab194192) .
ELISA		Use at an assay dependent dilution.

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



Immunocytochemistry/ Immunofluorescence - Anti-NOX1 antibody (ab55831)

ICC/IF image of ab55831 stained HepG2 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab55831, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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