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ENOX1 (C2) Antibody, Rabbit Polyclonal

Cat#: R1706-2 **Lot#: Refer to vial**

Quantity: 100 ul **Application: WB**

Predicted I Observed M.W.: 73 I 80 kDa **Uniprot ID: Q8TC92**

Background:

ENOX1 acts as a terminal oxidase of plasma electron transport from cytosolic NAD(P)H via hydroquinones to acceptors at the cell surface. ENOX1 has hydroquinone oxidase activity that alternates with a protein disulfide-thiol interchange/oxidoreductase activity which may control physical membrane displacements associated with vesicle budding or cell enlargement. The activities oscillate with a period length of 24 minutes and play a role in control of the ultradian cellular biological clock.

Other Names:

Ecto-NOX disulfide-thiol exchanger 1, Candidate growth-related and time keeping constitutive hydroquinone [NADH] oxidase, cCNOX Cell proliferation-inducing gene 38 protein Constitutive Ecto-NOX, cNOX, including the following 2 domains: Hydroquinone [NADH] oxidase and Protein disulfide-thiol oxidoreductase, PIG38

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of human ENOX1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

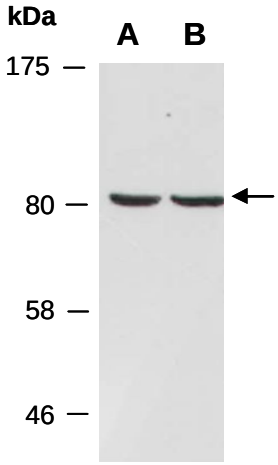

Fig 1. *Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-ENOX1 (C2) (R1706-2) at RT for 2 h.*