

**DATASHEET**

**CNOX Rabbit Polyclonal Antibody**

CAT. NO. APA15549

**KEY FEATURES**

Target	CNOX	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Probably acts as a terminal oxidase of plasma electron transport from cytosolic NAD(P)H via hydroquinones to acceptors at the cell surface. Hydroquinone oxidase activity 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.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

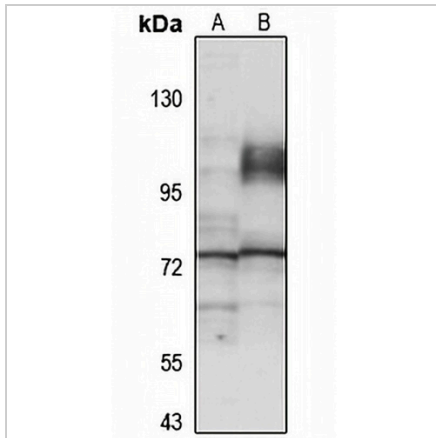
Description	Rabbit polyclonal antibody to CNOX
Specificity	Recognizes endogenous levels of CNOX protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CNOX. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27; Observed: 73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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) oxidase; Protein disulfide-thiol oxidoreductase]
Gene Symbol	ENOX1
Entrez Gene	55068(Human); 239188(Mouse)
SwissProt	Q8TC92(Human); Q8BHR2(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of CNOX expression in HeLa (A), mouse brain (B) whole cell lysates.  
(Predicted band size: 27; 73 kD; Observed band size: 73 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.