



# ENOX1 Antibody, HRP conjugated

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| Product Code        | CSB-PA007676LB01HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Uniprot No.         | Q8TC92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen           | Recombinant Human Ecto-NOX disulfide-thiol exchanger 1 protein (101-340AA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Raised In           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species Reactivity  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tested Applications | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Relevance           | 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. |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate           | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage Buffer      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification Method | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alias               | 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) [Includes: Hydroquinone [NADH] oxidase (EC 1.-.-.-); Protein disulfide-thiol oxidoreductase (EC 1.-.-.-)], ENOX1                                                                                                                                                                   |
| Species             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Research Area       | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Target Names        | ENOX1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |