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ENOX1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55639

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8TC92
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73348

Additional Information

Gene ID	55068
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, Hydroquinone [NADH] oxidase, 1.-.-.-, Protein disulfide-thiol oxidoreductase, 1.-.-.-, ENOX1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ENOX1
Function	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.
Cellular Location	Cell membrane. Secreted, extracellular space Note=Extracellular and plasma membrane-associated
Tissue Location	Expressed in lymphocyte cells, breast and breast cancer (at protein level). Found in the sera of cancer patients with a wide variety of cancers including breast, prostate, lung and ovarian cancers, leukemias, and lymphomas. Found

also in the serum of healthy volunteers or patients with disorders other than cancer. Probably shed into serum by cancer cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.