



Anti-ENOX1 monoclonal antibody (DCABH-11411)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Electron transport pathways are generally associated with mitochondrial membranes, but non-mitochondrial pathways are also biologically significant. Plasma membrane electron transport pathways are involved in functions as diverse as cellular defense, intracellular redox homeostasis, and control of cell growth and survival. Members of the ecto-NOX family, such as CNOX, or ENOX1, are involved in plasma membrane transport pathways. These enzymes exhibit both a hydroquinone (NADH) oxidase activity and a protein disulfide-thiol interchange activity in series, with each activity cycling every 22 to 26 minutes (Scarlett et al., 2005 [PubMed 15882838]).
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Immunogen	A synthetic peptide of human ENOX1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ENOX1 ecto-NOX disulfide-thiol exchanger 1 [Homo sapiens]
Official Symbol	ENOX1
Synonyms	ENOX1; ecto-NOX disulfide-thiol exchanger 1; cCNOX; CNOX; FLJ10094; PIG38; constitutive Ecto-NOX; cell proliferation-inducing gene 38 protein; candidate growth-related and time keeping constitutive hydroquinone (NADH) oxidase; candidate growth-related and time keeping constitutive hydroquinone [NADH] oxidase; bA64J21.1; FLJ30915;
Entrez Gene ID	55068
Protein Refseq	NP_001121087
UniProt ID	A0A024RDT8
Chromosome Location	13q14.11
Function	nucleic acid binding; nucleotide binding; oxidoreductase activity;