

DNAxPAb

Hard-to-Find
Antibody

ENOX1 DNAxPab

Catalog # H00055068-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ENOX1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MVDAGGVENITQLPQELPQMMAAADGLGSAIDTTQLNMSVTDPTAWATAMNNLGMVPVGLPG
 QQLVSDSICVPGFDP SLNMMTGITPINMIPGLGLVPPPPTEVAVVKEIIHCKSCTLFPQNP NLPP
 PSTRERPPGCKTVFVGGLPENATEEIIQEVFEQCGDITAIRKSKKNFCHIRFAEEFMVDKAMLSGY
 RMRLGSSTDKKDSGRLHVDFAQARDDFYEWCKQRM RAREERHRRKLEEDRLRPPSPPAIMHY
 SEHEAALLAEKLKDDSKFSEAITVLLSWIERGEVNRRSANQFYSMVQSANSHVRRMLMNEKATHE
 QEMEEAKENFKNALTGILTQFEQMAVFNASTRQKAWDHFSKAQRKNIDWRKHSEELRNAQSEQ
 LMGIRREEEMEMSDDENCDSP TKKMRVDESALAAQAYALKEENDSLRWQLDAYRNEVELLKQE
 KEQLFRTEENLTKDQQLQLQQT MQGMQQQLLTIQEELNNKKSELEQAKEEQSHTQALLKVLQE
 QLKGTKELVETNGHSHEDSNEINLTV ALVNQDRENNIEKRSQGLKSEKEALLIGIISTFLHVHPFGA
 NIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGVGATLEKRWKLC AFEGIKTT

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ENOX1

Entrez GeneID [55068](#)

GeneBank Accession# [BC024178.1](#)

Protein Accession# [AAH24178.1](#)

Gene Name ENOX1

Gene Alias CNOX, FLJ10094, PIG38, bA64J21.1, cCNOX

Gene Description ecto-NOX disulfide-thiol exchanger 1

Omim ID [610914](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]).[supplied by OMIM]

Other Designations OTTHUMP00000018332[candidate growth-related and time keeping constitutive hydroquinone (NADH) oxidase]proliferation-inducing protein 38

Disease

- [Tobacco Use Disorder](#)