

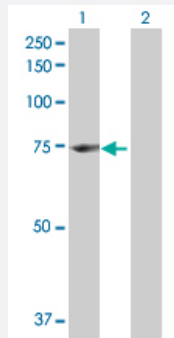
MaxPab®

# ENOX1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055068-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of ENOX1 expression in transfected 293T cell line ([H00055068-T02](#)) by ENOX1 MaxPab polyclonal antibody.

Lane 1: RP11-301117.1 transfected lysate(70.73 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human ENOX1 protein.

### Immunogen

ENOX1 (AAH24178.1, 1 a.a. ~ 643 a.a) full-length human protein.

### Sequence

MVDAGGVENITQLPQELPQMMAAADGLGSAIDTTQLNMSVTDPTAWATAMNNLGMVPVGLPG  
 QQLVSDSICVPGFDP SLNMMTGITPINMIPGLGLVPPPPPTTEVAVVKEIIHCKSCTLFQNP NLPP  
 PSTRERPPGCKTVFVGGLPENATEEIIQEVFEQC GDITAIRKSKKNFCHIRFAEEFMVDKAMLSGY  
 RMRLGSSTDKKDSGRLHVDFAQARDDFYEWCKQRM RAREERHRRKLEEDRLRPPSPPAIMHY  
 SEHEAALLAEKLKDDSKFSEAITVLLSWIERGEVNRRSANQFYSMVQSANS HVRRLMNEKATHE  
 QEMEEAKENFKNALTGILTQFEQMAVFNASTRQKAWDHFSKAQRKNIDWRKHSEELRNAQSEQ  
 LMGIRREEEMEMSDDENCDSPTKKMRVDESALAAQAYALKEENDSLRWQLDAYRNEVELLKQE  
 KEQLFRTEENLTKDQQLQLQQTMMQGMQQQLLTIQEELNNKKSELEQAKEEQSHTQALLKVLQE  
 QLKGTKELVETNGHSHEDSNEINVLTVALVNQDRENNIEKRSQGLKSEKEALLIGIISTFLHVHPFGA  
 NIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGVGATLEKRWKLC AFEGIKTT

### Host

Mouse

### Reactivity

Human

### Interspecies Antigen Sequence

Mouse (94)

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.

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[Protocol Download](#)

## Gene Info — ENOX1

Entrez GeneID	<a href="#">55068</a>
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GeneBank Accession#	<a href="#">BC024178</a>
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Protein Accession#	<a href="#">AAH24178.1</a>
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Gene Name	ENOX1
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Gene Alias	CNOX, FLJ10094, PIG38, bA64J21.1, cCNOX
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Gene Description	ecto-NOX disulfide-thiol exchanger 1
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Omim ID	<a href="#">610914</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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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]
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Other Designations	OTTHUMP00000018332 candidate growth-related and time keeping constitutive hydroquinone (NADH) oxidase proliferation-inducing protein 38
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## Disease

- [Tobacco Use Disorder](#)