

Datasheet for ABIN2458536

**anti-ENOX1 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	ENOX1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOX1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ENOX1.
Purification:	Antibody is purified by peptide affinity chromatography method.

## Target Details

Target:	ENOX1
Alternative Name:	ENOX1 ( <a href="#">ENOX1 Products</a> )
Background:	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

## Target Details

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. 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].

Molecular Weight:	73 kDa
Gene ID:	55068
NCBI Accession:	<a href="#">NP_060463</a>
UniProt:	<a href="#">Q8TC92</a>

## Application Details

Application Notes:	ENOX1 antibody can be used for detection of ENOX1 by ELISA at 1:312500. ENOX1 antibody can be used for detection of ENOX1 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store ENOX1 antibody at -20 °C.



**Western Blotting**

**Image 1.**