



# Mox1 rabbit pAb

Cat No.:ES5532

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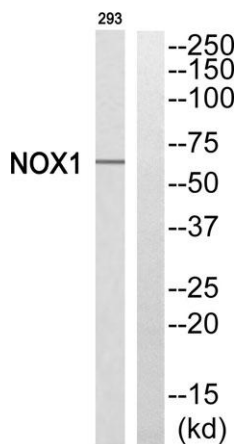
## Overview

<b>Product Name</b>	Mox1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NOX1. AA range:436-485
<b>Specificity</b>	Mox1 Polyclonal Antibody detects endogenous levels of Mox1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	NADPH oxidase 1
<b>Gene Name</b>	NOX1
<b>Cellular localization</b>	Cell projection, invadopodium membrane ; Multi-pass membrane protein . Cell membrane .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	65kD
<b>Human Gene ID</b>	27035
<b>Human Swiss-Prot Number</b>	Q9Y5S8
<b>Alternative Names</b>	NOX1; MOX1; NOH1; NADPH oxidase 1; NOX-1; Mitogenic oxidase 1; MOX-1; NADH/NADPH mitogenic oxidase subunit P65-MOX; NOH-1
<b>Background</b>	This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple

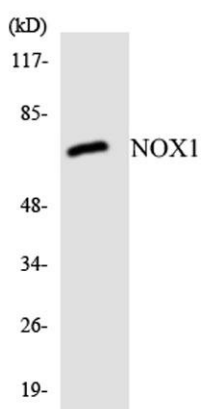




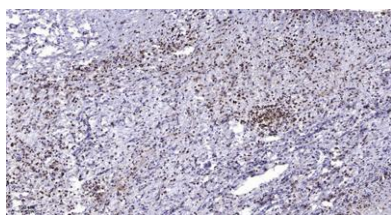
isoforms have been observed for this gene.  
[provided by RefSeq, Nov 2012],



Western blot analysis of NOX1 Antibody. The lane on the right is blocked with the NOX1 peptide.



Western blot analysis of the lysates from HeLa cells using NOX1 antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

