

Datasheet for ABIN966688  
**anti-NOX3 antibody (C-Term)**

## 3 Publications

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## Overview

Quantity:	0.1 mg
Target:	NOX3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human NOX3(NADPH oxidase 3)
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## Target Details

Target:	NOX3
Alternative Name:	NOX3 ( <a href="#">NOX3 Products</a> )
Background:	<p>NADPH oxidase which constitutively produces superoxide upon formation of a complex with CYBA/p22phox. NOX3(NADPH oxidase 3) plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity.</p> <p>NOX3(NADPH oxidase 3) is activated by the ototoxic drug cisplatin and by NOXO1. NOX3 is cooperatively activated by NCF1 and NCF2 or NOXA1 in a phorbol 12-myristate 13-acetate</p>

## Target Details

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(PMA)-dependent manner. It is inhibited by diphenyleneiodonium chloride and interacts with and stabilizes CYBA/p22phox. NOX3 is expressed in fetal kidney and to a lower extent in liver, lung and spleen.

Synonyms: MOX2

## Application Details

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C

## Publications

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Product cited in: Williams, Werner-Fraczek, Chang, Bailey-Serres: "Regulated phosphorylation of 40S ribosomal protein S6 in root tips of maize." in: **Plant physiology**, Vol. 132, Issue 4, pp. 2086-97, (2003) ([PubMed](#)).

McBride, Nemer: "The C-terminal domain of c-fos is required for activation of an AP-1 site specific for jun-fos heterodimers." in: **Molecular and cellular biology**, Vol. 18, Issue 9, pp. 5073-81, (1998) ([PubMed](#)).