

Datasheet for ABIN1535076  
**anti-NOX3 antibody (AA 287-336)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µg
Target:	NOX3
Binding Specificity:	AA 287-336
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human NOX3.
Isotype:	IgG
Specificity:	NOX3 Antibody detects endogenous levels of total NOX3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	NOX3
Alternative Name:	NOX3 ( <a href="#">NOX3 Products</a> )
Background:	Synonyms: NADPH oxidase 3, gp91phox homolog 3, GP91-3, Mitogenic oxidase 2,

## Target Details

	NCBI Gene Symbol: NOX3
Molecular Weight:	64 kDa
Gene ID:	50508
OMIM:	607105
UniProt:	<a href="#">Q9HBY0</a>

## Application Details

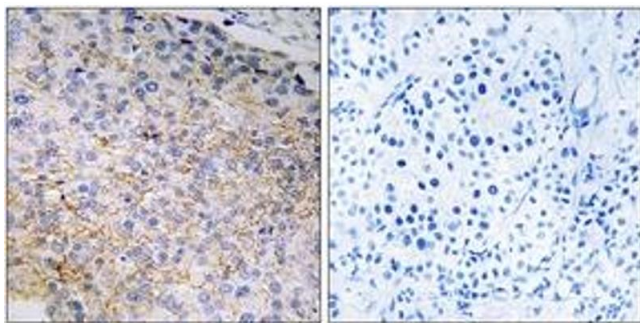
Application Notes:	IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.247776 (NCBI Gene Symbol: NOX3)
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

## Publications

Product cited in:	Du, Yang, Hu, Sun, Zhang, Peng, Zhong, Huang, Kong: "A long-term high-fat diet increases oxidative stress, mitochondrial damage and apoptosis in the inner ear of D-galactose-induced aging rats." in: <b>Hearing research</b> , Vol. 287, Issue 1-2, pp. 15-24, (2012) ( <a href="#">PubMed</a> ).
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#### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NOX3 Antibody. The picture on the right is treated with the synthesized peptide.