

Datasheet for ABIN185195  
**anti-NOXO1 antibody (C-Term)**[1 Image](#)[1 Publication](#)[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NOXO1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NOXO1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	NOXO1
Immunogen:	Peptide with sequence RGCVDSVPHPPTTEQ, from the C Terminus of the protein sequence according to NP_653204.1, NP_751907.1, NP_751907.1.
Sequence:	RGCVDSVPHP TTEQ
Isotype:	IgG
Specificity:	This antibody is expected to recognise all three reported isoforms (as represented by NP_653204.1, NP_751907.1 and NP_751908.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: NOXO1

Alternative Name: NOXO1 ([NOXO1 Products](#))

Background: NOXO1, P41NOX, P41NOXA, P41NOXB, P41NOXC, MGC20258, NADPH oxidase organizer 1, regulatory protein P41NOX, SH3PXD5, SNX28, Nox organizer 1

Gene ID: 124056

NCBI Accession: [NP\\_653204](#), [NP\\_751907](#)

## Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Kidney Cortex shows cytoplasmic stain in epithelial cells of some PCT. Recommended concentration, 10-20 µg/mL.  
Western Blot: Preliminary experiments gave no signal but low background in Hela and Human Heart lysates at up to 1 µg/mL.  
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

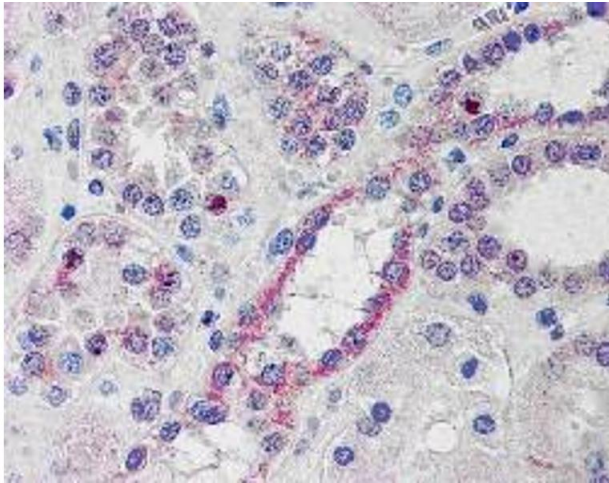
Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

Product cited in: Wu, Gao, Ohlemeyer, Roos, Niessen, Köttgen, Gessner: "Activation of AP-1 through reactive oxygen species by angiotensin II in rat cardiomyocytes." in: **Free radical biology & medicine**, Vol. 39, Issue 12, pp. 1601-10, (2005) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** ABIN185195 (10µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.