

For Research Use Only

# NOX3 Polyclonal antibody

Catalog Number: 30131-1-AP

1 Publications



## Basic Information

Catalog Number:

30131-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32601

GenBank Accession Number:

NM\_015718

GeneID (NCBI):

50508

UNIPROT ID:

Q9HBYO

Full Name:

NADPH oxidase 3

Calculated MW:

64kd

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse

Cited Species:

pig

Positive Controls:

WB : HepG2 cells, MCF-7 cells, HEK-293 cells, PC-12 cells, mouse kidney tissue, mouse liver tissue

## Background Information

NOX3 is a member of NADPH oxidase which constitutively produces superoxide upon formation of a complex with CYBA/p22phox. NOX3 plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity. The antibody is specific to NOX3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dwight D Harris	38879117	J Thorac Cardiovasc Surg	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

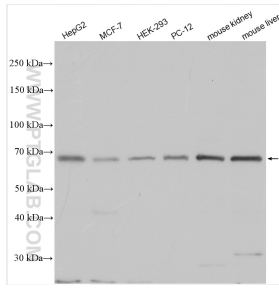
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30131-1-AP (NOX3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.