

For Research Use Only

# NOX3-Specific Polyclonal antibody

Catalog Number: 20065-1-AP

7 Publications



## Basic Information

Catalog Number:

20065-1-AP

Size:

150ul, Concentration: 350 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_015718

GeneID (NCBI):

50508

UNIPROT ID:

Q9HBYO

Full Name:

NADPH oxidase 3

Calculated MW:

65 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : human brain tissue, mouse brain 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
Jing Sun	34650437	Front Pharmacol	WB
Raoul Manuel	34064498	Antioxidants (Basel)	WB
Muhammad Zubair Saleem	32021288	Onco Targets Ther	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

\*\*\* 20ul sizes contain 0.1% BSA

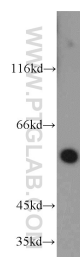
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 20065-1-AP (NOX3-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.