

For Research Use Only

NOX3-Specific Polyclonal ANTIBODY



Catalog Number: 20065-1-AP

1 Publications

Basic Information

Catalog Number:
20065-1-AP

Size:
33 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_015718

GeneID (NCBI):
50508

Full Name:
NADPH oxidase 3

Calculated MW:
65 kDa

Observed MW:
52 kDa

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
swine

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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
Ryugo Sakurada	30987055	Int J Mbl Sci	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

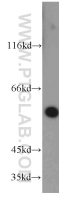
For technical support and original validation data for this product please contact:

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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