

For Research Use Only

NOX3 Polyclonal antibody

Catalog Number: 30131-1-AP

1 Publications



Basic Information

Catalog Number:

30131-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

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

*** 20ul sizes contain 0.1% BSA

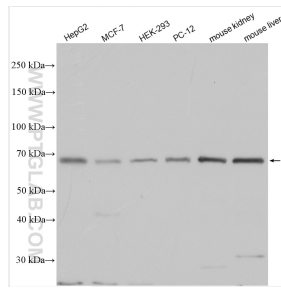
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.