

For Research Use Only

# NOX2 Polyclonal antibody

Catalog Number: 13525-1-AP

1 Publications



## Basic Information

Catalog Number:

13525-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4402

GenBank Accession Number:

BC032720

GeneID (NCBI):

1536

UNIPROT ID:

P04839

Full Name:

cytochrome b-245, beta polypeptide

Calculated MW:

577 aa, 65 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

## Background Information

NOX2, also named as CYBB, CGD, 91-phox, gp91-1, gp91-phox, p22 phagocyte B-cytochrome, cytochrome b-245 and beta polypeptide, is a critical component of the membrane-bound oxidase of phagocytes that generates superoxide. It is the terminal component of a respiratory chain that transfers single electrons from cytoplasmic NADPH across the plasma membrane to molecular oxygen on the exterior. Also functions as a voltage-gated proton channel that mediates the H<sup>+</sup> currents of resting phagocytes. CYBB participates in the regulation of cellular pH and is blocked by zinc.

## Notable Publications

Author	Pubmed ID	Journal	Application
Si-Yu Liu	38769138	Hypertens Res	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)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

