

A7136

Leader in Biomolecular Solutions for Life Science



## NOX5 Rabbit pAb

Catalog No.: A7136

1 Publications

### Basic Information

#### Observed MW

75kDa

#### Calculated MW

86kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human

### Background

This gene is predominantly expressed in the testis and lymphocyte-rich areas of spleen and lymph nodes. It encodes a calcium-dependen NADPH oxidase that generates superoxide, and functions as a calcium-dependent proton channel that may regulate redox-dependent processes in lymphocytes and spermatozoa. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

### Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

### Immunogen Information

#### Gene ID

79400

#### Swiss Prot

Q96PH1

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 661-765 of human NOX5 (NP\_078781.3).

#### Synonyms

NOX5

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

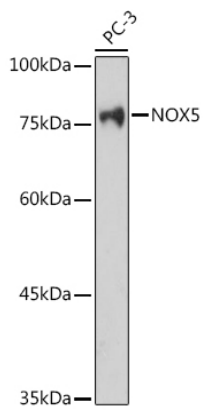
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

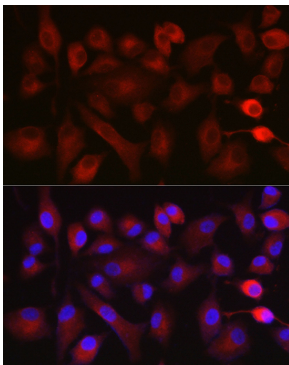
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of PC-3 cells, using NOX5 antibody (A7136) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunofluorescence analysis of A-549 cells using NOX5 Rabbit pAb (A7136) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.