

# NOX1 Rabbit pAb

Catalog No.: A12309 **4 Publications**

## Basic Information

### Observed MW

65kDa

### Calculated MW

65kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,(ELISA)

### Cross-Reactivity

Human

## Background

This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

27035

### Swiss Prot

Q9Y5S8

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human NOX1 (NP\_008983.2).

### Synonyms

MOX1; NOH1; NOH-1; GP91-2; NOH-1L; NOX1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

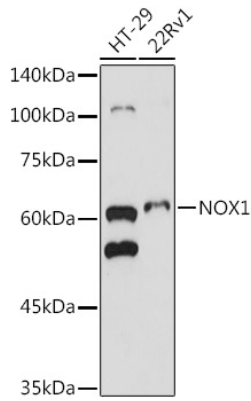
Affinity purification

### Storage

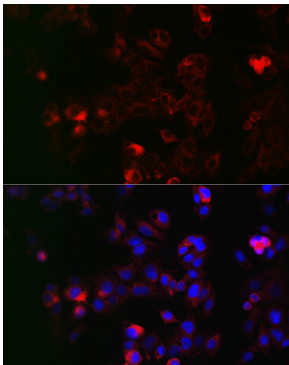
Store at -20°C. Avoid freeze / thaw cycles.

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

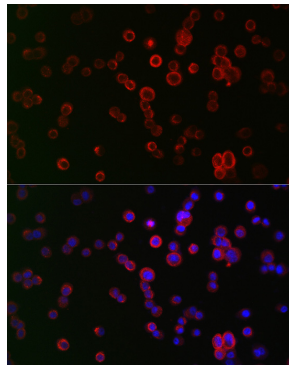
## Validation Data



Western blot analysis of various lysates using NOX1 Rabbit pAb (A12309) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunofluorescence analysis of HepG2 cells using NOX1 Rabbit pAb (A12309) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HT-29 cells using NOX1 Rabbit pAb (A12309) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.