

NOX1 Rabbit pAb

Catalog No.: A12309 **4 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

65kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

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 1:100 - 1:500

IF/ICC 1:50 - 1:200

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

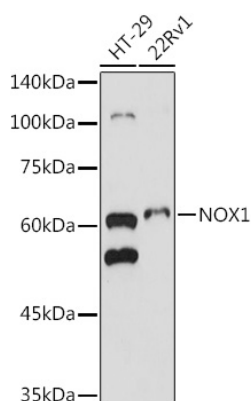
Affinity purification

Storage

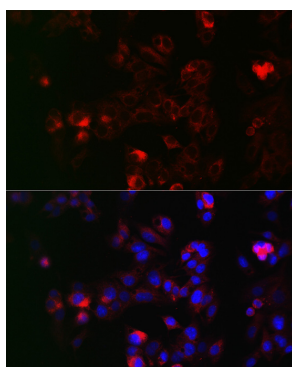
Store at -20°C. Avoid freeze / thaw cycles.

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

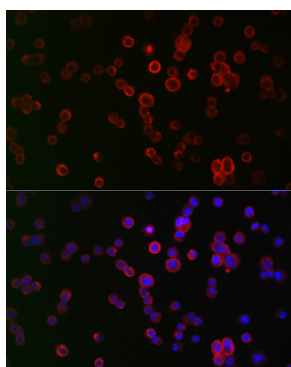
Validation Data



Western blot analysis of various lysates using NOX1 Rabbit pAb (A12309) at 1:500 dilution.
Secondary antibody: HRP 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 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 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.