

# iNOS Rabbit mAb

Catalog No.: A3774

Recombinant

16 Publications

## Basic Information

### Observed MW

130kDa

### Calculated MW

131kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC0832

## Background

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17.

## Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

4843

### Swiss Prot

P35228

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-200 of human iNOS (P35228).

### Synonyms

NOS; INOS; NOS2A; HEP-NOS; iNOS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

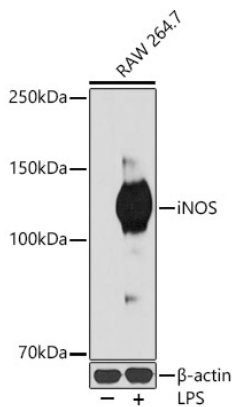
Affinity purification

### Storage

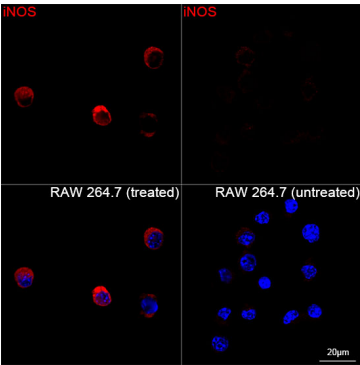
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from RAW264.7 cells, using iNOS Rabbit mAb (A3774) at 1:1000 dilution. RAW264.7 cells were treated by LPS (1 µg/ml) at 37°C for 8 hours. 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: 180s.



Confocal imaging of RAW264.7 LPS and RAW264.7 cells using iNOS Rabbit mAb (A3774, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.