

# iNOS Rabbit pAb

Catalog No.: A0312SP **93 Publications**

## Basic Information

### Observed MW

130 kDa

### Calculated MW

131 kDa/127 kDa

### Category

Primary antibody

### Applications

WB, IP, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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** 1:3000 - 1:10000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**IF/ICC** 1:200 - 1:1000

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements. For high-  
ratio antibody dilutions  
(≥1:10000) a sequential  
dilution method is  
strongly recommended  
to ensure measurement  
accuracy.

## Immunogen Information

### Gene ID

4843

### Swiss Prot

P35228

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

NOS; INOS; NOS2A; HEP-NOS; iNOS

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

## Contact

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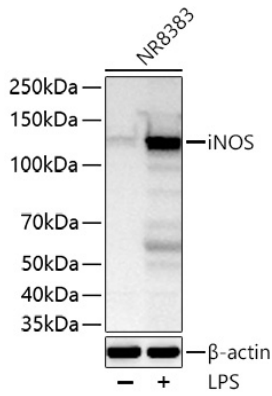
 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

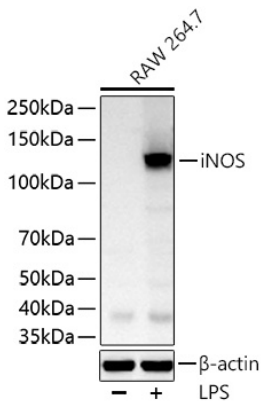
 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

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## Validation Data



Western blot analysis of lysates from NR8383 cells using iNOS Rabbit pAb (A03125P) at 1:3000 dilution incubated overnight at 4°C. NR8383 cells were treated with LPS (1 µg/mL) at 37°C for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.



Western blot analysis of lysates from RAW 264.7 cells using iNOS Rabbit pAb (A03125P) at 1:3000 dilution incubated overnight at 4°C. RAW 264.7 cells were treated with LPS (1 µg/mL) at 37°C for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30 s.