

# iNOS Rabbit Polyclonal Antibody



CAB0312

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

130kDa

### Calculated MW:

126kDa/131kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

4843

### Uniprot

P35228

### Synonyms:

NOS; INOS; NOS2A; HEP-NOS; iNOS; NOS2

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

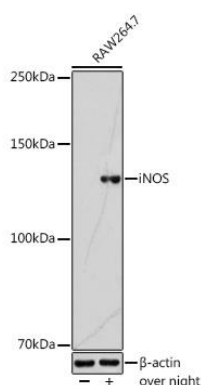
Recombinant fusion protein containing a sequence corresponding to amino acids 500-730 of human iNOS (NP\_000616.3).

### Storage:

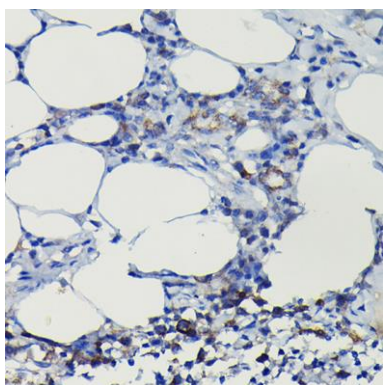
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

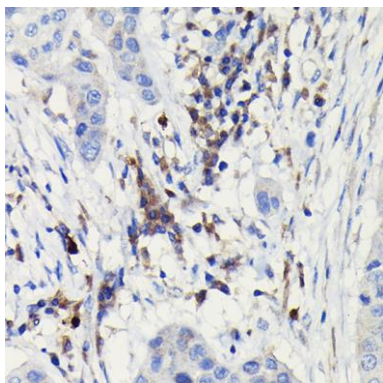
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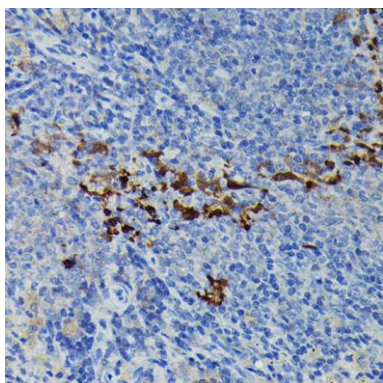
Western blot analysis of extracts of RAW264.7 cells, using iNOS antibody (CAB0312) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat lung using iNOS Rabbit pAb (CAB0312) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using iNOS Rabbit pAb (CAB0312) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using iNOS Rabbit pAb (CAB0312) at dilution of 1:100 (40x lens).