

# iNOS Rabbit pAb

Catalog No.: A0312 **14 Publications**

## Basic Information

### Catalog No.

A0312

### Observed MW

130KDa

### Calculated MW

126kDa/131kDa

### Category

Primary antibody

### Applications

WB, IHC

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200

## Contact

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

## 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

<b>Gene ID</b>	<b>Swiss Prot</b>
4843	P35228

### Immunogen

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

### Synonyms

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

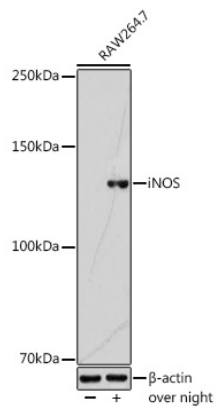
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

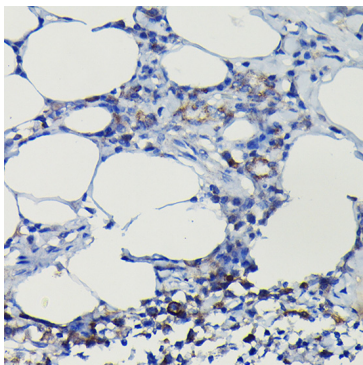
### Storage

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

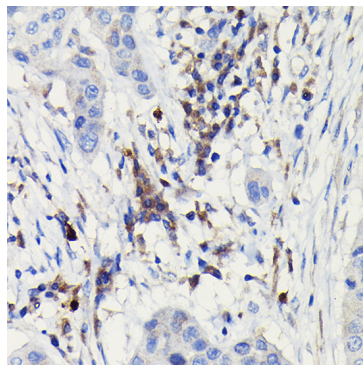
## Validation Data



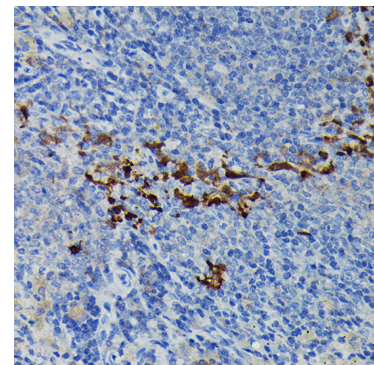
Western blot analysis of extracts of RAW264.7 cells, using iNOS antibody (A0312) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat lung using iNOS Rabbit pAb (A0312) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using iNOS Rabbit pAb (A0312) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using iNOS Rabbit pAb (A0312) at dilution of 1:100 (40x lens).