

# iNOS antibody

## Cat. No. GTX17504

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC, IM
Reactivity	Human, Mouse, Rat, Rabbit, Cat, Pig, Amphibians, Turbot, Avian

References (1) Package 200 μΙ

## **Applications**

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:200 - 1:800
ICC/IF	1:50
IHC-P	1:20
IHC-Fr	Assay dependent
IHC	Assay dependent
IM	Assay dependent

Not tested in other applications.

**Calculated MW** 131 kDa. ( Note )

**Product Note** This antibody does not detect other NOS isoforms.

Properties	
Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	4 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues D(17) L K E E K D I N N N V K K T(31) of mouse iNOS.
Purification	Ammonium sulfate precipitation
Conjugation	Unconjugated



For full product information, images and publications, please visit our website.

Date 2025 / 11 / 04 Page 1 of 2



For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

### DATA IMAGES



#### GTX17504 IHC-P Image

IHC-P analysis of human heart tissue using GTX17504 iNOS antibody.

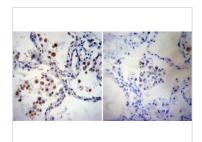
Left: Primary antibody

Right: Negative control without primary antibody

Antigen retrieval: heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer,

microwaved for 8-15 minutes

Dilution: 1:200



### GTX17504 IHC-P Image

IHC-P analysis of human lung tissue using GTX17504 iNOS antibody.

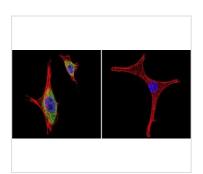
Left: Primary antibody

Right: Negative control without primary antibody

Antigen retrieval: heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer,

microwaved for 8-15 minutes

Dilution: 1:200



## GTX17504 ICC/IF Image

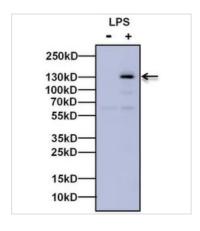
ICC/IF analysis of NIH-3T3 cells using GTX17504 iNOS antibody. Cells were probed without (right) or with(left) an antibody.

Green: Primary antibody

Blue : Nuclei Red : Actin

Fixation: formaldehyde

Dilution: 1:20 overnight at 4°C



#### GTX17504 WB Image

WB analysis of 20 ug of RAW264 whole cell lysate untreated (left lane) or stimulated with LPS at 1  $\mu$ g/mL for 16 hours (right lane) using GTX17504 iNOS antibody.

Dilution: 1:1000



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 11 / 04 Page 2 of 2