

# iNOS antibody

**Cat. No. GTX17504**

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

Reference ( 1 )  
Package  
200 µl

## APPLICATION

### 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

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 0.1% BSA  |
| <b>Preservative</b>  | 0.05% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 4 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | 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.   |
| <b>Purification</b>  | Ammonium sulfate precipitation   |
| <b>Conjugation</b>   | Unconjugated   |

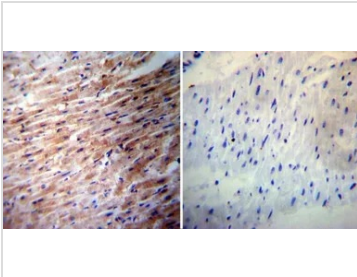


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**Note**

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**DATA IMAGES**

**GTX17504 IHC-P Image**

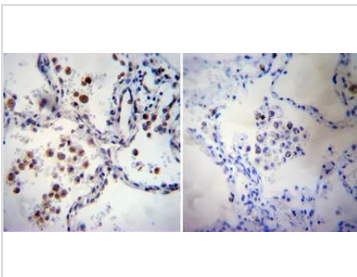
IHC-P analysis of human heart tissue using GTX17504 iNOS antibody.

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**

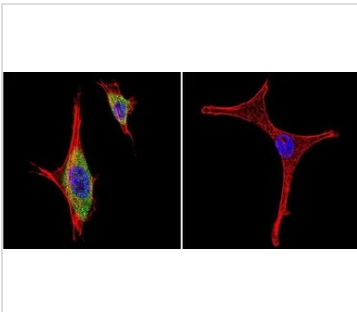
IHC-P analysis of human lung tissue using GTX17504 iNOS antibody.

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.

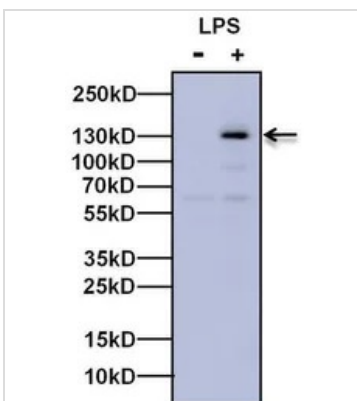
Green : Primary antibody

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 µg/mL for 16 hours (right lane) using GTX17504 iNOS antibody.

Dilution : 1:1000



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