

# iNOS Antibody

Lot Number: QH2072961B

Product Data Sheet

## Tested Species Reactivity

Human (Hu)  
Mouse (Ms)  
Rat (Rt)

## Tested Applications

Immunohistochemistry (Paraffin)  
(IHC (P))

## Dilution \*

1:100

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

## Details

<b>Catalog Number:</b>	PA5-16855
<b>Size:</b>	500 µL
<b>Class:</b>	Polyclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	A synthetic peptide derived from C-terminal of mouse iNOS

## Form Information

<b>Form:</b>	Liquid
<b>Concentration:</b>	0.2mg/ml
<b>Purification:</b>	Affinity chromatography
<b>Storage Buffer:</b>	PBS, pH 7.6, with 0.2% BSA
<b>Preservative:</b>	15mM sodium azide
<b>Storage Conditions:</b>	4° C

## Product Specific Information

PA5-16855 targets iNOS in IHC (P) applications and shows reactivity with Human, mouse, and Rat samples.

The PA5-16855 immunogen is a synthetic peptide derived from C-terminal of mouse iNOS.

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## General Information

NOS oxidizes a guanidine nitrogen of arginine releasing nitric oxide in the form of a free radical and citrulline. Nitric oxide thus generated acts as a messenger in diverse functions including vasodilation neurotransmission, anti-tumor and anti-pathogenic activities. Inducible NOS (iNOS) or macrophage NOS (mNOS) is a calcium/calmodulin independent and is expressed in activated macrophages and stimulated glial cells.

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