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# iNOS (YD12732) Rabbit mAb

货号: **AYD15733**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	131kDa/131kDa/131kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Cytoplasm, cytosol
纯化	亲和纯化

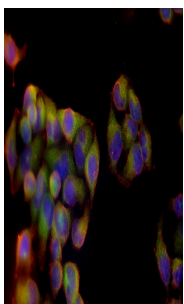
## 抗原信息

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## 靶点信息

研究背景	<p>Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body (PubMed:7504305, PubMed:7531687, PubMed:7544004, PubMed:7682706). In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such as PTGS2/COX2 (By similarity). As component of the iNOS-S100A8/9 transnitrosylase complex involved in the selective inflammatory stimulus-dependent S-nitrosylation of GAPDH on 'Cys-247' implicated in regulation of the GAIT complex activity and probably multiple targets including ANXA5, EZR, MSN and VIM (PubMed:25417112). Involved in inflammation, enhances the synthesis of pro-inflammatory mediators such as IL6 and IL8 (PubMed:19688109) Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body (PubMed:7503239). In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such as PTGS2/COX2 (PubMed:16373578). As component of the iNOS-S100A8/9 transnitrosylase complex is involved in the selective inflammatory stimulus-dependent S-nitrosylation of GAPDH implicated in regulation of the GAIT complex activity and probably multiple targets including ANXA5, EZR, MSN and VIM (By similarity). Involved in inflammation, enhances the synthesis of pro-inflammatory mediators such as IL6 and IL8 (By similarity) Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such as PTGS2/COX2. As component of the iNOS-S100A8/9 transnitrosylase complex involved in the selective inflammatory stimulus-dependent S-nitrosylation of GAPDH implicated in regulation of the GAIT complex activity and probably multiple targets including ANXA5, EZR, MSN and VIM. Involved in inflammation, enhances the synthesis of pro-inflammatory mediators such as IL6 and IL8</p>
基因ID	4843
基因名	NOS2, Nos2
Swiss	P35228 ( <a href="https://www.uniprot.org/uniprotkb/P35228/entry">https://www.uniprot.org/uniprotkb/P35228/entry</a> ), P29477 ( <a href="https://www.uniprot.org/uniprotkb/P29477/entry">https://www.uniprot.org/uniprotkb/P29477/entry</a> ), Q06518 ( <a href="https://www.uniprot.org/uniprotkb/Q06518/entry">https://www.uniprot.org/uniprotkb/Q06518/entry</a> )
别名	iNOS (YD12732),iNOS (YD12732) Rabbit mAb,NOS2,Hepatocyte NOS,Inducible NO synthase,NOS type II,PEPTIDYL-CYSTEINE S-NITROSYLASE NOS2,Macrophage NOS,NOS2A,Inosl

## 产品验证



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab iNOS and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as secondary antibodies. The nuclear counter stain is DAPI.

## 实验步骤

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