

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-iNOS



Numéro de catalogue: 22226-1-AP

58 Publications

## Informations de base

<b>Numéro de catalogue:</b> 22226-1-AP	<b>Numéro d'acquisition GenBank:</b> BC130283	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 600 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 4843	<b>Dilutions recommandées:</b> WB 1:200-1:1000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> nitric oxide synthase 2, inducible	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 1153 aa, 131 kDa	
<b>Immunogen Catalog Number:</b> AG17567	<b>MW observés:</b> 110-130 kDa, 65-70 kDa	

## Applications

<b>Applications testées:</b> FC, WB, ELISA	<b>Contrôles positifs:</b> WB : cellules RAW 264.7,
<b>Demandes citées:</b> IF, IHC, WB	
<b>Spécificité de l'espèce:</b> Humain, souris	
<b>Espèces citées:</b> Humain, rat, souris	

## Informations générales

NOS2, also named as iNOS and NOS2A, produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. NO is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission, antimicrobial and antitumoral activities. NOS2 is a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. iNOS has a very short half-life due to rapid degradation by calpain. iNOS monomer is a direct substrate of calpain I and can be cleaved by calpain I at the canonical CaM-binding site(503-532aa) of iNOS, and then a ~70kD band can be detected by western (PMID:11786228).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Mao Kobayashi	32992650	Int J Mol Sci	WB
Jingming Zhuang	36161709	Andrology	WB
Dewei He	36139502	Cells	WB

## Stockage

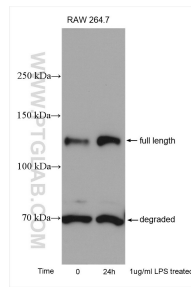
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

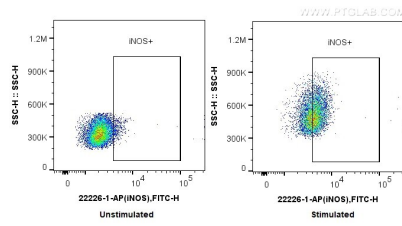
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



Untreated and LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 22226-1-AP (NOS2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> LPS treated RAW 264.7 cells were intracellularly stained with 0.4 ug Anti-Human iNOS (22226-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).