

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-iNOS



Numéro de catalogue: **CL594-18985**

Phare

1 Publications

Informations de base

Numéro de catalogue: CL594-18985	Numéro d'acquisition GenBank: NM_000625	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4843	Dilutions recommandées: IF 1:50-1:500
Hôte: Lapin	Nom complet: nitric oxide synthase 2, inducible	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	MW calculé: 131 kDa	
	MW observés: 110-130 kDa, 65-70 kDa	

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HeLa, cellules HepG2
Demandes citées: IF	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: 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). This antibody is specific to NOS2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoqian Jiang	36764561	J Ethnopharmacol	IF

Stockage

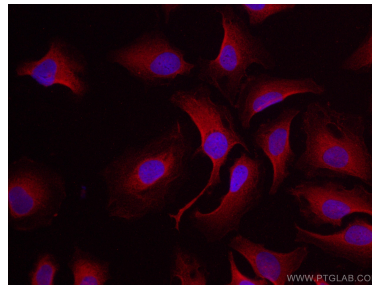
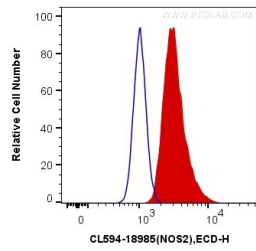
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** 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



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite@594 Anti-Human iNOS (CL594-18985) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite@594 iNOS antibody (CL594-18985) at dilution of 1:100. Blue (DAPI).