

Nur für Forschungszwecke

iNOS Polyklonaler Antikörper

Katalog-Nr.:18985-1-AP

Vorgestelltes Produkt

456 Publikationen



Allgemeine Informationen

Katalog-Nr.:
18985-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 4843

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_000625

GeneID (NCBI):

4843

Vollständiger Name:

nitric oxide synthase 2, inducible

Berechnete Masse:

131 kDa

Beobachtete Masse:

110-130 kDa, 65-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:4000

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IF, WB, ELISA

In Publikationen genannte Anwendungen:

ELISA, FC, IF, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte

Positivkontrollen:

WB: Mauslebergewebe, Rattenlebergewebe

IF: HepG2-Zellen, HeLa-Zellen

Hintergrundinformationen

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 ~70 kDa band can be detected by western (PMID:11786228). This antibody is specific to NOS2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lin-Tao Xu	34601084	J Ethnopharmacol	WB
Yan Yang	34582523	Biomater Sci	IF,FC
Haoyu Guo	36201949	Biomaterials	IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

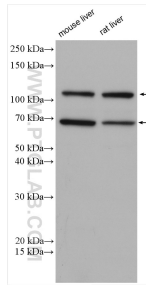
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

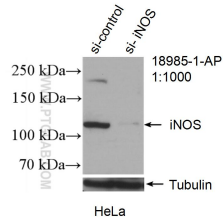
E: proteintech@ptglab.com
W: ptglab.com

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

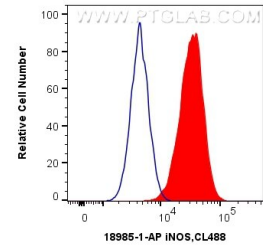
Ausgewählte Validierungsdaten



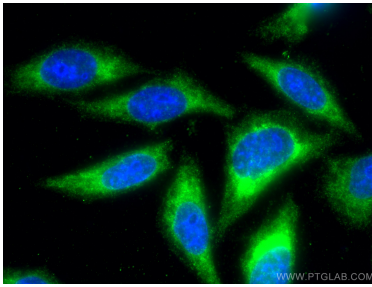
Various lysates were subjected to SDS PAGE followed by western blot with 18985-1-AP (iNOS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of iNOS antibody (18985-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-iNOS transfected HeLa cells.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human iNOS (18985-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using iNOS antibody (18985-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).