

Nur für Forschungszwecke

iNOS Polyklonaler Antikörper

Katalog-Nr.:CL594-18985

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: CL594-18985	GenBank-Zugangsnummer: NM_000625	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von4843	GeneID (NCBI): 4843	Empfohlene Verdünnungen: IF 1:50-1:500
Nanodrop;	Vollständiger Name: nitric oxide synthase 2, inducible	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Wirt: Kaninchen	Berechnete Masse: 131 kDa	
Isotyp: IgG	Beobachtete Masse: 110-130 kDa, 65-70 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen, HepG2-Zellen
In Publikationen genannte Anwendungen: IF	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus	

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

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaoqian Jiang	36764561	J Ethnopharmacol	IF

Lagerung

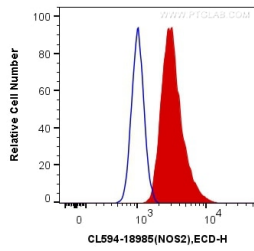
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

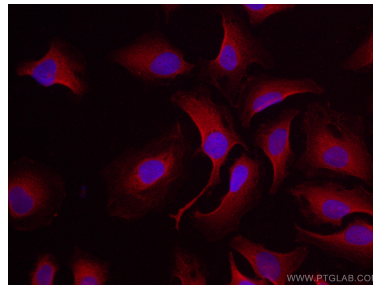
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1×10^6 HepG2 cells were intracellularly stained with 0.4 μg CoraLite® 594 Anti-Human iNOS (CL594-18985) (red), or 0.4 μg 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).