

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-iNOS



Numéro de catalogue: 80517-1-RR

9 Publications

Informations de base

Numéro de catalogue: 80517-1-RR	Numéro d'acquisition GenBank: NM_000625	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4843	CloneNo.: 6022
Hôte: Lapin	Nom complet: nitric oxide synthase 2, inducible	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:50-1:500
Isotype: IgG	MW calculé: 131 kDa	
	MW observés: 110-130 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

rat, souris

Contrôles positifs:

WB : cellules RAW 264.7, CMSP humaines traitées au LPS

IHC : tissu cérébral de souris, tissu cérébral de rat, tissu de côlon humain, tissu hépatique humain, tissu pulmonaire humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

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
Songya Li	36076540	Biomed Pharmacother	IHC
Bo Xu	37640169	Free Radic Biol Med	IHC
Mingxue Shen	37619857	J Ethnopharmacol	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.

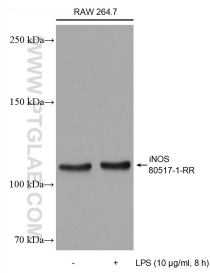
For technical support and original validation data for this product please contact:

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

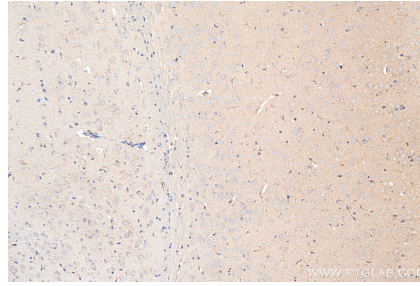
E: proteintech@ptglab.com
W: ptglab.com

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

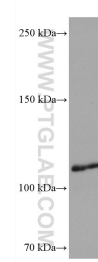
Données de validation sélectionnées



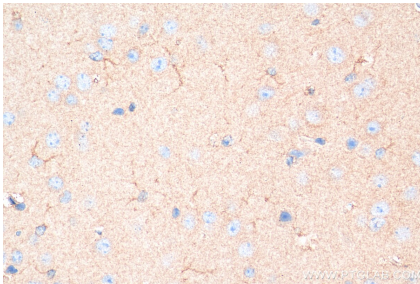
Untreated and LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 80517-1-RR (iNOS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



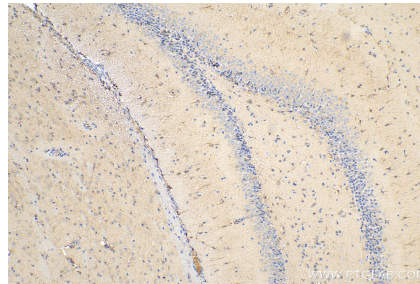
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



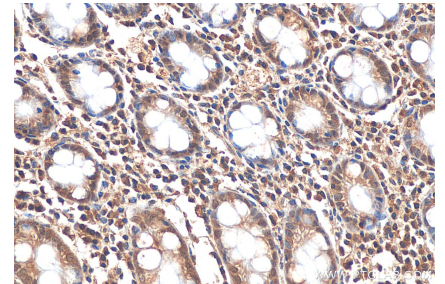
LPS treated human PBMCs were subjected to SDS PAGE followed by western blot with 80517-1-RR (iNOS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



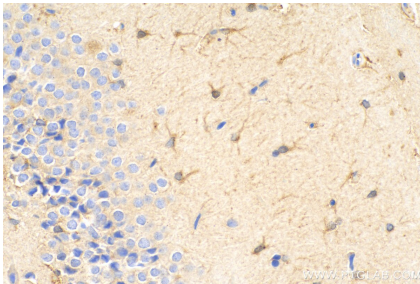
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



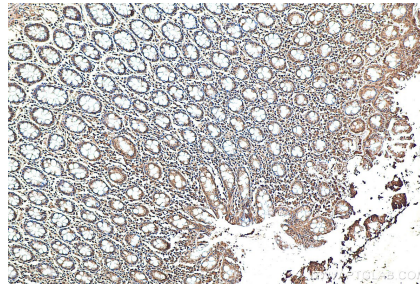
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 80517-1-RR (iNOS antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).