

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-nNOS



Numéro de catalogue: 29231-1-AP

1 Publications

Informations de base

Numéro de catalogue: 29231-1-AP	Numéro d'acquisition GenBank: NM_000620	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 4842	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:250-1:1000 IF 1:50-1:500
Hôte: Lapin	Nom complet: nitric oxide synthase 1 (neuronal)	
Isotype: IgG	MW calculé 161 kDa	
Immunogen Catalog Number: AG28910	MW observés: 160 kDa	

Applications

Applications testées: FC, IF, IHC, WB, ELISA	Contrôles positifs: WB : tissu cérébral de souris, tissu cérébral de rat IHC : tissu cérébral de souris, IF : tissu cérébral de souris,
Demandes citées: IF	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: rat	

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

nNOS belongs to the NOS family. nNOS produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter. NO is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. NO is synthesized from L-arginine by nitric oxide synthases. nNOS is a nitric oxide synthase which is highly expressed in skeletal muscle. Genetic variations in nNOS gene are associated with susceptibility to infantile hypertrophic pyloric stenosis type 1 (IHPS1). The antibody can recognize isoform 1,2,4 of nNOS.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yunlong Ge	37172816	Life Sci	IF

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.

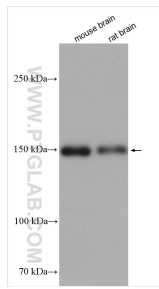
For technical support and original validation data for this product please contact:

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

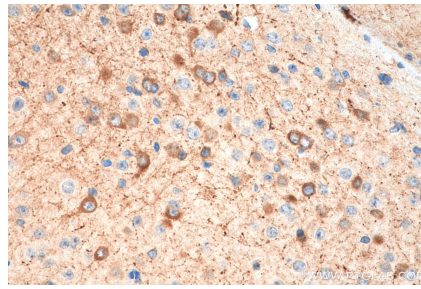
E: proteintech@ptglab.com
W: ptglab.com

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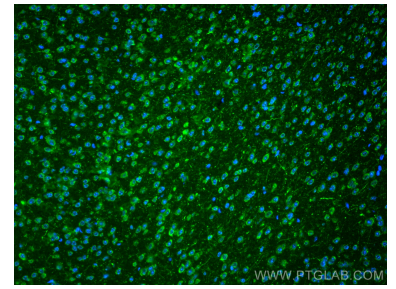
Données de validation sélectionnées



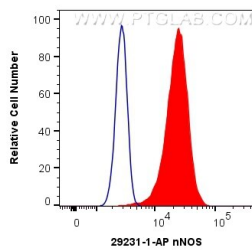
Various lysates were subjected to SDS PAGE followed by western blot with 29231-1-AP (nNOS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29231-1-AP (nNOS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using nNOS antibody (29231-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human nNOS (29231-1-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).