

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NMDAR2A/GRIN2A



Numéro de catalogue: 19953-1-AP

24 Publications

Informations de base

Numéro de catalogue:

19953-1-AP

Taille:

150ul , Concentration: 600 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_000833

Identification du gène (NCBI):

2903

Nom complet:

glutamate receptor, ionotropic, N-methyl D-aspartate 2A

MW calculé

165 kDa

MW observés:

150-160 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:200-1:800

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris,

IHC : tissu cérébral de souris,

IF : cellules HeLa,

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

GRIN2A, also named as NMDAR2A and NR2A, belongs to the glutamate-gated ion channel (TC 1A.10) family. GRIN2A is NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation of GRIN2A requires binding of agonist to both types of subunits. The antibody recognize the C-term of GRIN2A.

Publications notables

Autrice	Pubmed ID	Journal	Application
Pengcheng Ma	36179027	Sci Adv	WB
Xin Peng	34549339	J Mol Neurosci	WB
Yanke Zhang	27876882	Sci Rep	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.

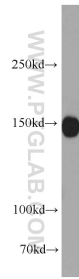
For technical support and original validation data for this product please contact:

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

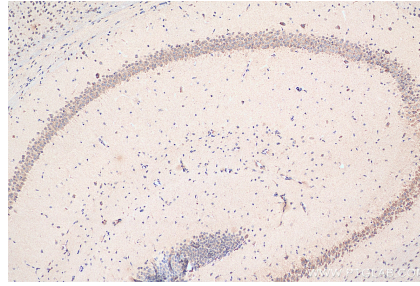
E: proteintech@ptglab.com
W: ptglab.com

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

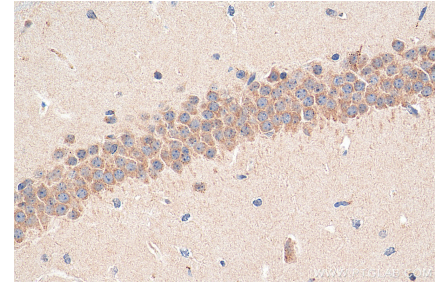
Données de validation sélectionnées



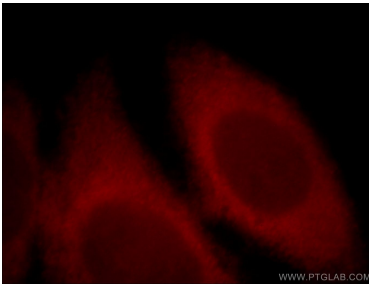
mouse brain tissue were subjected to SDS PAGE followed by western blot with 19953-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



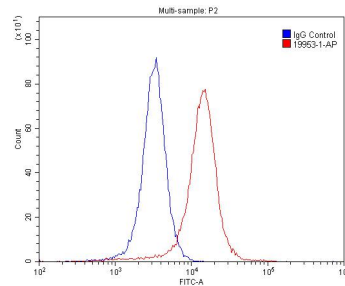
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19953-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19953-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using NMDAR2A/GRIN2A antibody 19953-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1x10⁶ SH-SY5Y cells were stained with 0.2ug NMDAR2A/GRIN2A antibody (19953-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.