

Nur für Forschungszwecke

NMDAR2A/GRIN2A Polyklonaler Antikörper



Katalog-Nr.:19953-1-AP

23 Publikationen

Allgemeine Informationen

Katalog-Nr.: 19953-1-AP	GenBank-Zugangsnummer: NM_000833	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop und 407 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2903	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:200-1:800 IF 1:10-1:100
Wirt: Kaninchen	Vollständiger Name: glutamate receptor, ionotropic, N-methyl D-aspartate 2A	
Isotyp: IgG	Berechnete Masse: 165 kDa	
	Beobachtete Masse: 150-160 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : Maushirngewebe, IHC : Maushirngewebe, IF : HeLa-Zellen,
In Publikationen genannte Anwendungen: IF, IP, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

GRIN2A, also named as NMDAR2A and NR2A, belongs to the glutamate-gated ion channel (TC 1.A.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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Pengcheng Ma	36179027	Sci Adv	WB
Xin Peng	34549339	J Mol Neurosci	WB
Yanke Zhang	27876882	Sci Rep	WB

Lagerung

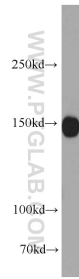
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

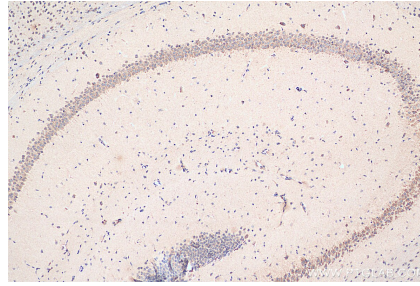
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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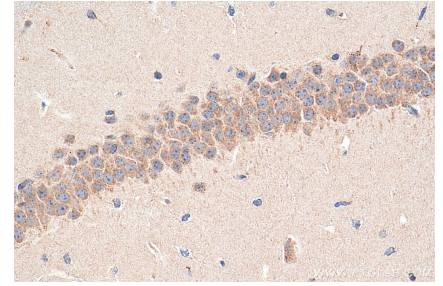
Ausgewählte Validierungsdaten



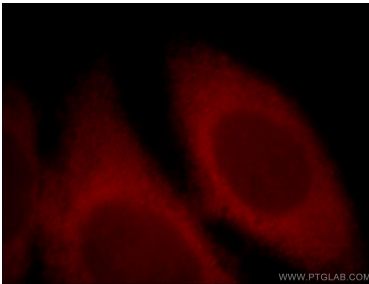
mouse brain tissue were subjected to SDS PAGE followed by western blot with 19953-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



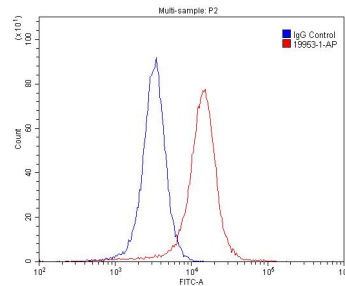
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19953-1-AP (NMDAR2A/GRIN2A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.