

NMDAR2B Polyclonal Antibody

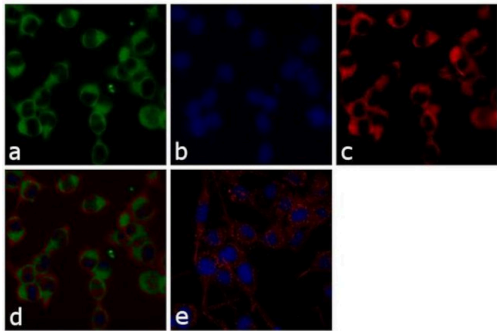
Product Details	
Size	100 µg
Species Reactivity	Rabbit, Rat
Published Species	Dog, Rat, Non-human primate, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Fusion protein including a 251 amino acid sequence from the N-terminal portion of the rat NMDAR 2B protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2534001

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	15 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication
Immunocytochemistry (ICC/IF)	2 µg/mL	4 Publications
Immunoprecipitation (IP)	-	3 Publications
Neutralization (Neu)	-	1 Publication

Product Images For NMDAR2B Polyclonal Antibody

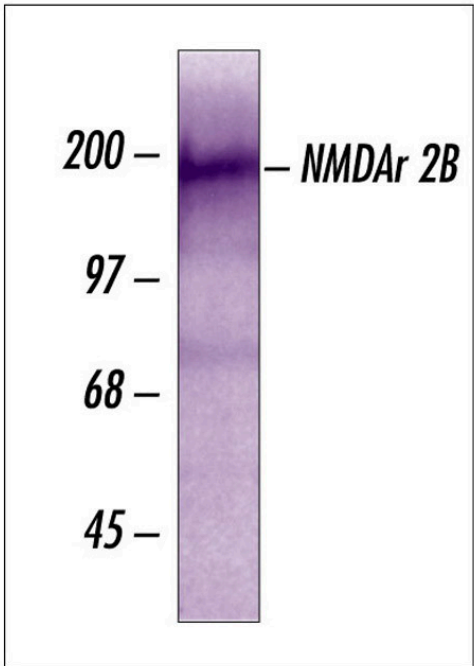
NMDAR2B Antibody (71-8600) in ICC/IF

Immunofluorescence analysis of NMDA RECEPTOR 2B was performed using 70% confluent log phase RSC96 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with NMDAR2B Rabbit Polyclonal Antibody (Product # 71-8600) at 2µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing membranous localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



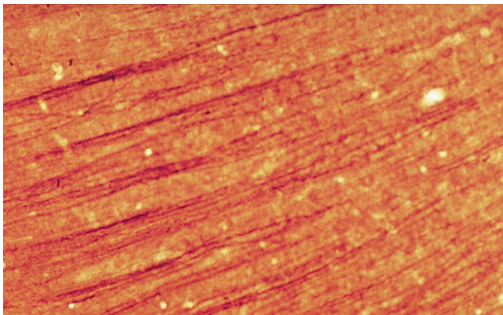
NMDAR2B Antibody (71-8600) in WB

Western blot analysis of NMDA receptor 2B in total lysate derived from rat brain using Rb x NMDA-receptor 2B.



NMDAR2B Antibody (71-8600) in ICC/IF

Immunofluorescent analysis of NMDAR2B using a polyclonal antibody (Product # 71-8600).



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Western Blot (15)

Pharmacological research	Year 2022
Rabphilin-3A as a novel target to reverse -synuclein-induced synaptic loss in Parkinson's disease.	Species Mouse
"71-8600 was used in Western Blotting to indicate that approaches aimed at restoring Rabphilin-3A (Rph3A) synaptic functions can slow down the early synaptic detrimental effects of -synuclein aggregates in Parkinson's disease."	Dilution 1:1000
Authors: Ferrari E,Scheggia D,Zianni E,Italia M,Brumana M,Palazzolo L,Parravicini C,Pilotto A,Padovani A,Marcello E,Eberini I,Calabresi P,Diluca M,Gardoni F	
eLife	Year 2020
Noradrenergic projections from the locus coeruleus to the amygdala constrain fear memory reconsolidation.	Species Rat
"71-8600 was used in Western Blotting to investigate the hypothesis that specific modulatory signals shape memory formation into a state that is reconsolidation-resistant."	Dilution 1:250
Authors: Haubrich J,Bernabo M,Nader K	

View more WB references on thermofisher.com

Immunohistochemistry (2)

Endocrinology	Year 2010
Phosphorylation of N-methyl-D-aspartic acid receptor-associated neuronal nitric oxide synthase depends on estrogens and modulates hypothalamic nitric oxide production during the ovarian cycle.	Species Rat
"71-8600 was used in immunohistochemistry to investigate the relationship between neuronal NO synthase and estrogen."	Dilution 1:500
Authors: Parkash J,d'Anglemont de Tassigny X,Bellefontaine N,Campagne C,Mazure D,Buée-Scherrer V,Prevot V	
The Journal of comparative neurology	Year 2006
N-methyl-D-aspartate receptor subunit phenotypes of vagal afferent neurons in nodose ganglia of the rat.	Species Rat
"71-8600 was used in immunohistochemistry (frozen) to examine NMDA receptor subunit immunoreactivity in vagal afferent neurons."	
Authors: Czaja K,Ritter RC,Burns GA	

More applications with references on thermofisher.com

- IHC (Free) (1)
- ICC/IF (4)
- IP (3)
- Neu (1)

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