

NMDAR2B Polyclonal Antibody

Product Details

Size	200 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues C P(1114) R S P D H K R Y(p) F(1123) of rat NMDA receptor 2B.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2112448

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (IHC)	1:500	1 Publication
Immunocytochemistry (ICC/IF)	1:500	-
ELISA (ELISA)	1:50,000	-
Immunoprecipitation (IP)	Assay-dependent	-

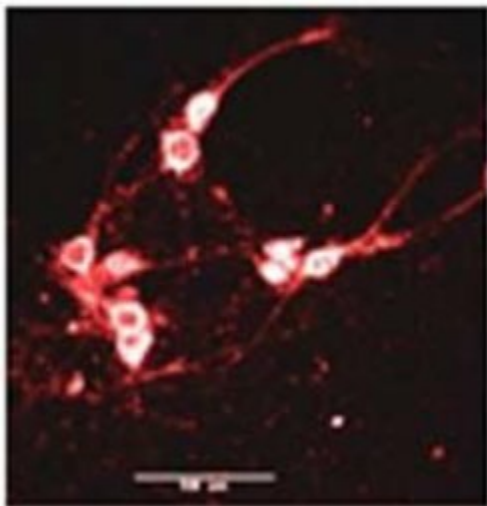
Product Specific Information

PA3-104 detects N-methyl-D-aspartate (NMDA) receptor type 2B.

PA3-104 has been used successfully in Western blot, ELISA, immunoprecipitation, immunohistochemistry, and immunocytochemistry procedures. In Western blot analysis of rat brain synaptic membranes this antibody detects a ~180 kDa protein representing NMDA receptor type 2B.

The PA3-104 immunogen is a synthetic phosphopeptide corresponding to residues C P(1114) R S P D H K R Y(p) F(1123) of rat NMDA receptor 2B.

Product Images For NMDAR2B Polyclonal Antibody



NMDAR2B Antibody (PA3-104) in IHC

Immunofluorescence image of NMDA receptor type 2B in rat brain tissue using Product # PA3-104.

[View more figures on thermofisher.com](#)

2 References

Western Blot (1)

Frontiers in cellular neuroscience

Glutamate Deregulation in Ketamine-Induced Psychosis-A Potential Role of PSD95, NMDA Receptor and PMCA Interaction.

"Published figure using NMDAR2B polyclonal antibody (Product # PA3-104) in Western Blot"

Authors: Lisek M, Ferenc B, Studzian M, Pulaski L, Guo F, Zylinska L, Boczek T

Species
Not Applicable

Dilution
Not Cited

Year
2020

Immunohistochemistry (1)

Behavioral neuroscience

Impacts of forebrain neuronal glycine transporter 1 disruption in the senescent brain: evidence for age-dependent phenotypes in Pavlovian learning.

"PA3-104 was used in immunohistochemistry to investigate the role of forebrain neuronal glycine transporter 1 in cognitive functions"

Authors: Dubroqua S, Singer P, Boison D, Feldon J, Möhler H, Yee BK

Species
Mouse

Dilution
1:1000

Year
2010

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