Phospho-NMDAR2B (Tyr1122) 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	-

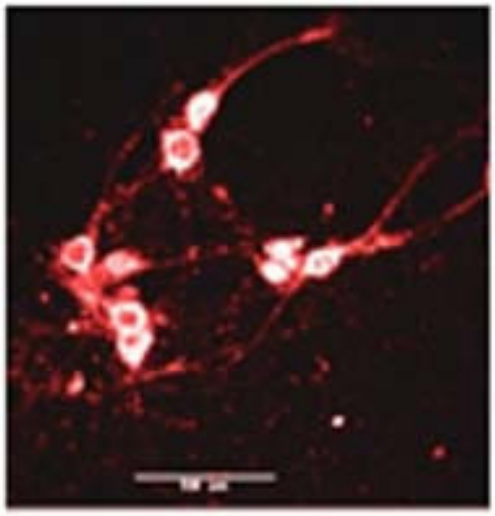
Product Specific Information

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 Phospho-NMDAR2B (Tyr1122) Polyclonal Antibody



Phospho-NMDAR2B (Tyr1122) Antibody (PA3-104) in IHC
Immunofluorescence image of NMDA receptor type 2B in rat brain tissue using a Phospho-NMDAR2B (Tyr1122) polyclonal antibody (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

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

Year
2010

Species
Mouse

Dilution
1:1000