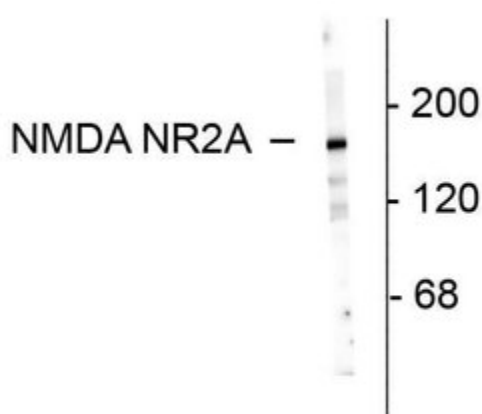


# NMDAR2A Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Rat
Published Species	Rat, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide from the N-terminus of the NR2A subunit of rat NMDA receptor.
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 50% glycerol, 100µg/mL BSA
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_2532251

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	3 Publications
Immunoprecipitation (IP)	-	1 Publication
Immunocytochemistry (ICC/IF)	-	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Images For NMDAR2A Polyclonal Antibody



### NMDAR2A Antibody (480031) in WB

Western blot of 10 µg of rat hippocampal lysate showing specific immunolabeling of the ~180k NR2A subunit of the NMDA receptor.

## 7 References

### Western Blot (3)

<b>PloS one</b> <b>Amino terminal domains of the NMDA receptor are organized as local heterodimers.</b> "Published figure using NMDAR2A polyclonal antibody (Product # 480031) in Western Blot" Authors: Lee CH,Gouaux E	<b>Species</b> Rat <b>Dilution</b> 1:1000 <b>Year</b> 2011
---	---

<b>Nature communications</b> <b>Rabphilin 3A retains NMDA receptors at synaptic sites through interaction with GluN2A/PSD-95 complex.</b> "480031 was used in immunocytochemistry to assess how rabphilin 3A retains NMDA receptors through interaction with GluN2A/PSD-95 complex synapse sites" Authors: Stanic J,Carta M,Eberini I,Pelucchi S,Marcello E,Genazzani AA,Racca C,Mulle C,Di Luca M,Gardoni F	<b>Species</b> Not Applicable <b>Dilution</b> 1:100 <b>Year</b> 2015
---	---

[View more WB references on thermofisher.com](#)

### Immunoprecipitation (1)

<b>Nature communications</b> <b>Rabphilin 3A retains NMDA receptors at synaptic sites through interaction with GluN2A/PSD-95 complex.</b> "480031 was used in immunocytochemistry to assess how rabphilin 3A retains NMDA receptors through interaction with GluN2A/PSD-95 complex synapse sites" Authors: Stanic J,Carta M,Eberini I,Pelucchi S,Marcello E,Genazzani AA,Racca C,Mulle C,Di Luca M,Gardoni F	<b>Species</b> Not Applicable <b>Dilution</b> 1:100 <b>Year</b> 2015
---	---

### Immunocytochemistry (2)

<b>iScience</b> <b>Linking NMDA Receptor Synaptic Retention to Synaptic Plasticity and Cognition.</b> "480031 was used in Immunocytochemistry to induce synaptic plasticity in the presence or absence of agents modulating Rph3A function." Authors: Franchini L,Stanic J,Ponzoni L,Mellone M,Carrano N,Musardo S,Zianni E,Olivero G,Marcello E,Pittaluga A, Sala M,Bellone C,Racca C,Di Luca M,Gardoni F	<b>Species</b> Not Applicable <b>Dilution</b> 1:100 <b>Year</b> 2019
---	---

### More applications with references on [thermofisher.com](http://thermofisher.com)

### Misc (1)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.