

## Anti-NMDA NR2A Subunit, N-terminus Antibody



Pooled Serum

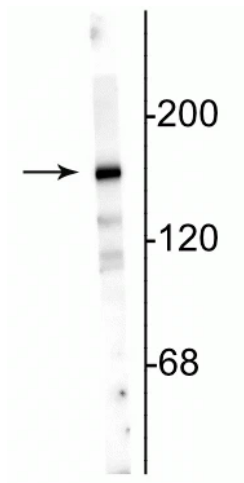
### Product Details

|                    |                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:1501-NR2A)<br>25 µL (SKU:1501-NR2At)                                                                                                                                                                                                   |
| Conjugate          | Unconjugated                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                |
| Gene Name          | GRIN2A                                                                                                                                                                                                                                             |
| Host Species       | Rabbit                                                                                                                                                                                                                                             |
| Format             | Antigen Affinity Purified from Pooled Serum                                                                                                                                                                                                        |
| Physical State     | Liquid                                                                                                                                                                                                                                             |
| Buffer             | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                                                                                                             |
| Production Notes   | Prepared from pooled rabbit serum by affinity purification using a column to which the peptide immunogen was coupled.                                                                                                                              |
| Applications       | ELISA, ICC, WB                                                                                                                                                                                                                                     |
| Dilution Ranges    | WB: 1:1000<br>WB Brain: 1:1000<br>ICC: 1:500                                                                                                                                                                                                       |
| Species Reactivity | Mouse, Rat                                                                                                                                                                                                                                         |
| Immunogen          | Synthetic peptide corresponding to amino acid residues from the N-terminal region of the NR2A subunit of rat NMDA receptor, conjugated to keyhole limpet hemocyanin (KLH).                                                                         |
| Specificity        | Specific for endogenous levels of the ~180 kDa NR2A subunit of the NMDA receptor. No reactivity towards the NR2B and NR2C subunits. Immunolabeling is blocked by pre-adsorption of antibody with the fusion protein used to generate the antibody. |
| Molecular Weight   | 180 kDa                                                                                                                                                                                                                                            |

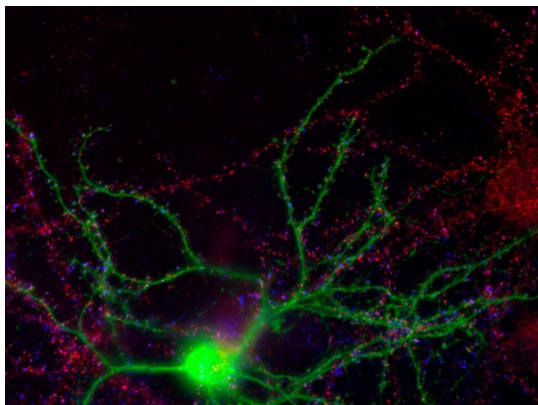
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|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality Control</b>      | Western blots performed on each lot.                                                                                                                                   |
| <b>Storage</b>              | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                 |
| <b>Antibody Registry ID</b> | AB_2492173                                                                                                                                                             |
| <b>UniProt ID</b>           | <u><a href="#">Q00959</a></u>                                                                                                                                          |
| <b>Shipping</b>             | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>           | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b>      | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>Expected Reactivity</b>  | Bovine, Canine                                                                                                                                                         |
| <b>NCBI Gene ID</b>         | 24409                                                                                                                                                                  |

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## Product Images



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



Immunostaining of 21 DIV nucleofected mouse striatal neuron (green) co-cultured with cortical neurons showing nice punctate labeling of the N-terminal NR2A subunit (red, 1:500) in both the medium spiny neurons and the large pyramidal cell in the upper right. Photo courtesy of Dr. A.J. Milnerwood, Dr. Lynn Raymond Lab, University of British Columbia.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-nmda-nr2a-subunit-n-terminus-antibody-1501-nr2a](http://www.antibodiesinc.com/products/anti-nmda-nr2a-subunit-n-terminus-antibody-1501-nr2a)



Created on 09. September 2026 | All information without guarantee