

## Anti-NMDA NR2A Subunit (100 µl) Antibody



Pooled Serum

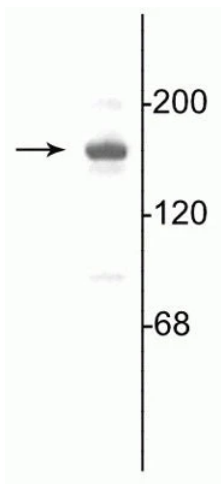
### Product Details

|                    |                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:1495-NR2A)<br>25 µL (SKU:1495-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 fusion protein immunogen was coupled.                                                                                                                       |
| Applications       | ELISA, IHC, IP, WB                                                                                                                                                                                                                                 |
| Dilution Ranges    | WB: 1:1000<br>WB Brain: 1:1000<br>IHC: 1:1000<br>IP: 3 µl per 200 µg lysate                                                                                                                                                                        |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                                  |
| Immunogen          | Fusion protein from the C-terminal region of the NR2A subunit of rat NMDA receptor.                                                                                                                                                                |
| 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                                                                                                                                                                                                                                            |

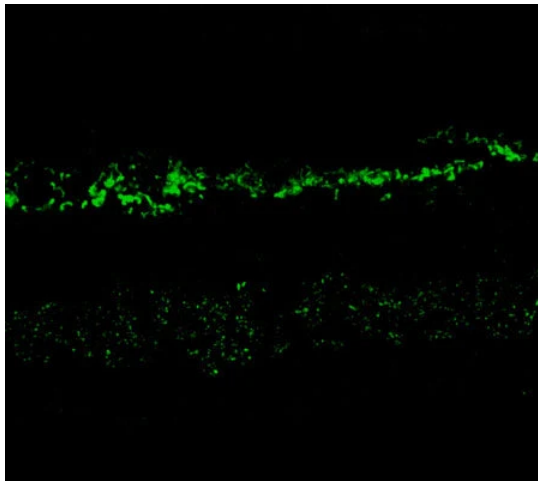
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|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quality Control      | Western blots performed on each lot.                                                                                                                                   |
| Storage              | 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.                 |
| Antibody Registry ID | AB_2492171                                                                                                                                                             |
| UniProt ID           | <a href="#">Q00959</a>                                                                                                                                                 |
| Shipping             | Blue Ice                                                                                                                                                               |
| Expiration           | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| Usage Statement      | 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. |
| NCBI Gene ID         | 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 of the NMDA receptor.



Immunostaining of rabbit retina showing NR2A in the rod and cone photoreceptors in the outer plexiform layer as well as the entire inner plexiform layer.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-nmda-nr2a-subunit-antibody-1495-nr2a](http://www.antibodiesinc.com/products/anti-nmda-nr2a-subunit-antibody-1495-nr2a)



Created on 09. September 2026 | All information without guarantee