

# Anti-GluA1/GluR1 Glutamate Receptor Recombinant Chicken Chimeric mAb



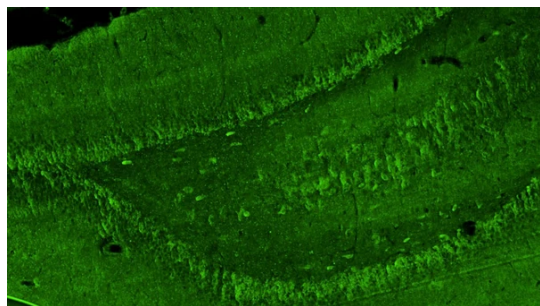
## Product Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:78-327)<br>20 µL (SKU:78-327-020)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate          | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Clone              | N355/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Name          | Gria1 Glur1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host Species       | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration      | 1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Format             | Purified by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Physical State     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer             | 1X PBS, 0.05% Sodium Azide pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Production Notes   | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N355/1 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N355/1 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media. |
| Applications       | ELISA, ICC, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dilution Ranges    | WB: 1:500-1:1000<br>WB Brain: 1:500-1:1000<br>IHC: 1:250-1:1000<br>ICC: 1:250-1:1000                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species Reactivity | Human, Mouse, Rabbit, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

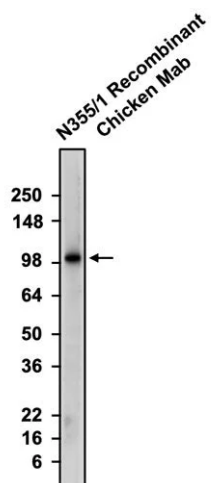
|                          |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>         | Fusion protein amino acids 1-389 (extracellular N-terminus) of rat GluA1/GluR1 (accession number P19490) produced recombinantly in E. Coli.                                                                     |
| <b>Specificity</b>       | Does not cross-react with GluR2                                                                                                                                                                                 |
| <b>Molecular Weight</b>  | 100 kDa                                                                                                                                                                                                         |
| <b>Quality Control</b>   | Each new lot of antibody is quality control tested by Western blot on rat brain membrane fraction and confirmed to stain the expected molecular weight band.                                                    |
| <b>Storage</b>           | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| <b>UniProt ID</b>        | <a href="#"><u>P19490</u></a>                                                                                                                                                                                   |
| <b>Country of Origin</b> | United States                                                                                                                                                                                                   |
| <b>Shipping</b>          | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>        | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>   | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

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## Product Images



Representative section of formalin fixed, paraffin-embedded rat brain hippocampal region showing cells stained by anti-GluA1/GluR1 Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-327) antibody using goat anti-chicken IgY CF®488 secondary antibody (Cat No. 80-1001-488).



Western blotting of rat brain membrane with anti-GluA1/GluR1 Glutamate Receptor recombinant chicken mAb (Cat No. 78-327). The chicken mAb was detected with anti-chicken-HRP (Cat No. 80-1000-HRP) and recognizes endogenous GluA1 in the rat brain membrane fraction at ~100 kDa.

Product Page URL: [www.antibodiesinc.com/products/anti-glua1-glur1-glutamate-receptor-recombinant-antibody-n355-1-78-327](http://www.antibodiesinc.com/products/anti-glua1-glur1-glutamate-receptor-recombinant-antibody-n355-1-78-327)



Created on 08. September 2026 | All information without guarantee