

Anti-GluN2B/NR2B Glutamate Receptor Recombinant Chicken Chimeric mAb

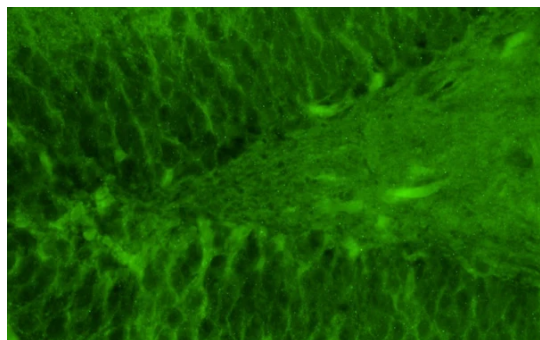


Product Details

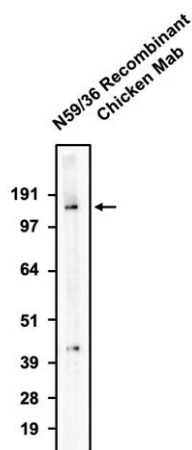
Available Variants	100 µL (SKU:78-101) 20 µL (SKU:78-101-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N59/36
Gene Name	Grin2b
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N59/36 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N59/36 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, IP, WB
Dilution Ranges	WB: 1:500-1:1000 WB Brain: 1:500-1:1000 IHC: 1:1000 ICC: 1:500
Species Reactivity	Human, Mouse, Rat

Immunogen	Fusion protein amino acids 20-271 (extracellular N-terminus) of rat NR2B (accession number Q00960) produced recombinantly in E. Coli
Specificity	Does not cross-react with GluN2A/NR2A
Molecular Weight	166 kDa
Quality Control	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.
Storage	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.
UniProt ID	<u>Q00960</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

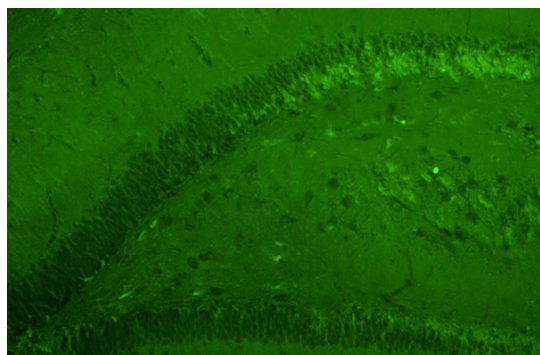
Product Images



Representative section of formalin fixed, paraffin-embedded rat brain hippocampal dentate gyrus region showing cells stained by anti-GluN2B/NR2B Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-101) using goat anti-chicken IgY CF@488 secondary antibody (Cat No. 80-1001-488).



Representative section of formalin fixed, paraffin-embedded rat brain hippocampus showing cells stained by anti-GluN2B/NR2B Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-101) using goat anti-chicken IgY CF®488 secondary antibody (Cat No. 80-1001-488).



Representative section of formalin fixed, paraffin-embedded rat brain hippocampal dentate gyrus region showing cells stained by anti-GluN2B/NR2B Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-101) using goat anti-chicken IgY CF®488 secondary antibody (Cat No. 80-1001-488).

Product Page URL: www.antibodiesinc.com/products/anti-gln2b-nr2b-glutamate-receptor-recombinant-antibody-n59-36-78-101



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