

Anti-GluN2A/NR2A Glutamate Receptor Recombinant Chicken Chimeric mAb

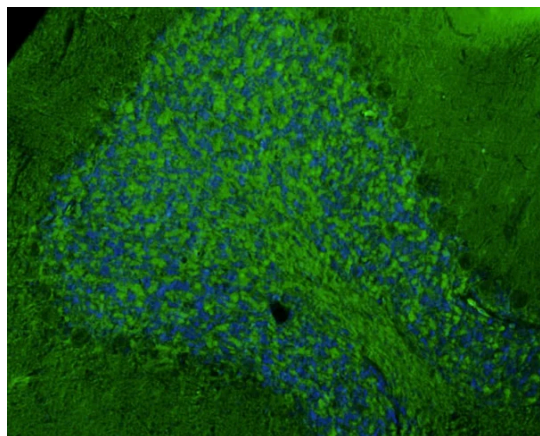


Product Details

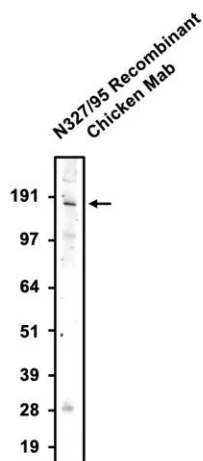
Available Variants	100 µL (SKU:78-288) 20 µL (SKU:78-288-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N327/95
Gene Name	Grin2a
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N327/95 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N327/95 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 WB Brain: 1:500-1:1000 IHC: 1:500-1:1000 ICC: 1:500-1:1000
Species Reactivity	Human, Mouse, Rabbit, Rat

Immunogen	Fusion protein amino acids 75-325 (extracellular N-terminus) of rat NR2A (accession number Q00959) produced recombinantly in E. Coli
Specificity	Does not cross-react with GluN2B/NR2B
Molecular Weight	170 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>Q00959</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.

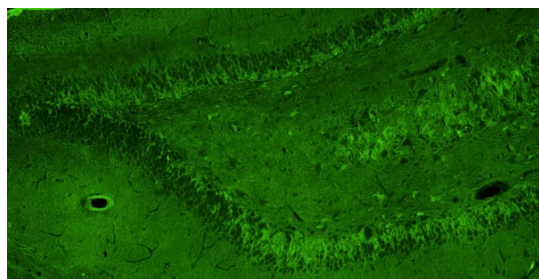
Product Images



Representative section of formalin fixed, paraffin-embedded rat brain cerebellum showing cells stained by anti-GluN2A/NR2A Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-288) using goat anti-chicken IgY CF®488 secondary antibody (Cat No. 80-1001-488). The stained sections were mounted with Antibodies Incorporated's Fluoroshield with DAPI and DABCO mounting medium (Cat No. AR-6505). DAPI nuclear stain (blue) shows cell nuclei.



Western blotting of rat brain membrane with anti-GluN2A/NR2A Glutamate Receptor recombinant chicken mAb (Cat No. 78-288). The chicken mAb was detected with anti-chicken-HRP (Cat No. 80-1000-HRP) and recognizes endogenous NR2A in the rat brain membrane fraction at ~170 kDa.



Representative section of formalin fixed, paraffin-embedded rat brain hippocampus showing cells stained by anti-GluN2A/NR2A Glutamate Receptor recombinant chicken mAb (green, Cat No. 78-288) using goat anti-chicken IgY CF®488 secondary antibody (Cat No. 80-1001-488).

Product Page URL: www.antibodiesinc.com/products/anti-gluN2a-nr2a-glutamate-receptor-recombinant-antibody-n327-95-78-288



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