

Anti-NMDA NR2A Subunit Antibody



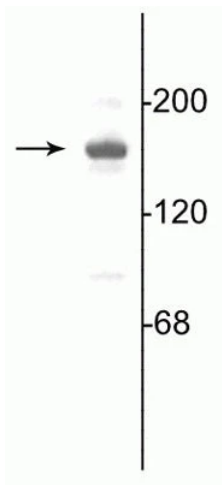
Pooled Serum

Product Details

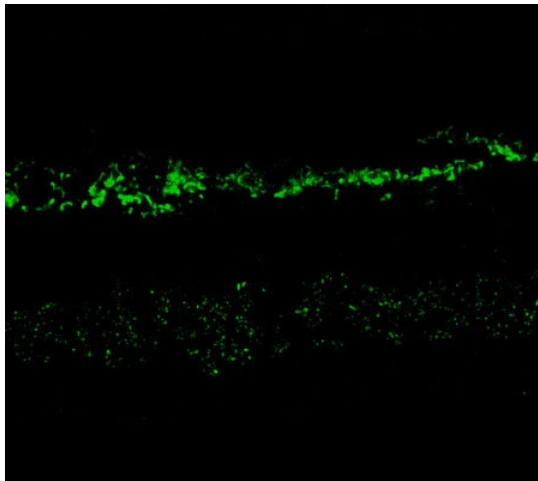
Available Variants	10 µg (SKU:1500-NR2A)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GRIN2A
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Lyophilized
Buffer	Lyophilized
Production Notes	Prepared from pooled rabbit serum by affinity purification using a column to which the fusion protein immunogen was coupled.
Applications	ELISA, IHC, IP, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 IHC: 1:1000 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 the 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
Quality Control	Western blots performed on each lot.

Storage	Reconstitute in 50 µl phosphate buffered saline (PBS: 137 mM NaCl, 7.5 mM Na ₂ HPO ₄ , 2.7 mM KCl, 1.5 mM KH ₂ PO ₄ , pH 7.4) before use. After reconstitution it is recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492170
UniProt ID	Q00959
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

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 (1:1000, green) in the rod and cone photoreceptors in the outer plexiform layer as well as the entire inner plexiform layer.

Product Page URL: www.antibodiesinc.com/products/anti-nmda-nr2a-subunit-antibody-1500-nr2a



Created on 04. September 2026 | All information without guarantee