

## Anti-NMDAR2A GRIN2A Antibody

Catalog Number: PA1058

### About GRIN2A

N-methyl-D-aspartate receptor channel, subunit epsilon-1 (NMDAR2A), also known as GRIN2A, mapped to 16p13.2. NMDA glutamate receptors mediate calcium ion accumulation in central myelin in response to chemical ischemia in vitro. NMDA receptors mediate calcium accumulation in myelin during chemical ischaemia.

### Overview

Product Name	Anti-NMDAR2A GRIN2A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NMDAR2A GRIN2A Antibody catalog # PA1058. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Conjugate	FITC
Application	IHC, WB
Clonality	Monoclonal BAM-10
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.
Host	Hamster
Uniprot ID	Q12879

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminal of human NMDAR2A, different from the mouse and rat sequences by one amino acid.
Predicted Reactive Species	Bovine
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen Affinity Purified

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

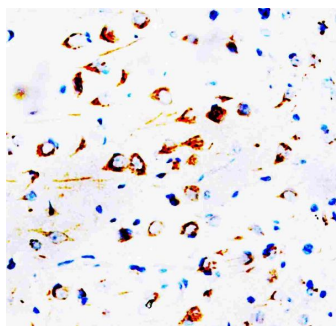
Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Rat, Human, Mouse, By Heat  
Western blot, 0.1-0.5ug/ml, Rat, Human, Mouse

## Anti-NMDAR2A GRIN2A Antibody (PA1058) Images



Anti-NMDAR2A antibody, PA1058, Western blotting  
WB: Rat Brain Tissue Lysate



Anti-NMDAR2A antibody, PA1058, IHC(P)  
IHC(P): Rat Brain Tissue

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