



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-GluN2A/NR2A Antibody [S327A-38]

Mouse Anti-Rat GluN2A/NR2A Monoclonal IgG2b  
Catalog No. SMC-434



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

GluN2A/NR2A Antibody

### Description

Mouse Anti-Rat GluN2A/NR2A Monoclonal IgG2b

### Species Reactivity

Human, Mouse, Rat

### Applications

WB, IHC

### Antibody Dilution

WB (1:1000); optimal dilutions for assays should be determined by the user.

### Host Species

Mouse

### Immunogen Species

Rat

### Immunogen

Fusion protein amino acids 75-325 (extracellular N-terminus) of rat GluN2A/NR2A

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH7.4, 50% glycerol, 0.09% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

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Protein G Purified

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### Clonality

Monoclonal

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### Clone Number

S327A-38

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### Isotype

IgG2b

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### Specificity

Detects ~170kDa. Does not react with NR2B.

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### Cite This Product

Mouse Anti-Rat NR2A Monoclonal, Clone S327A-38 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-434)

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### Certificate Of Analysis

1 µg/ml of SMC-434 was sufficient for detection of GluN2A/NR2A in 20 µg of COS cells transiently transfected with GFP-tagged NR2A lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

NMDA 2A Antibody, NMDAR2A Antibody, NMDAR 2A Antibody, NMDA Receptor 2A Antibody, Glutamate Receptor Antibody, GRIN2A Antibody, Glutamate [NMDA] Receptor subunit epsilon-1 Antibody, Glutamate receptor ionotropic N methyl D aspartate 2A Antibody, HNR2A Antibody, N methyl D aspartate receptor channel Antibody, subunit epsilon 1 Antibody, N Methyl D Aspartate Receptor Subtype 2A Antibody, N methyl D aspartate receptor subunit 2A Antibody, NMDA receptor subtype 2A Antibody, NMDA Receptor Type 2A Antibody, OTTHUMP00000160135 Antibody, OTTHUMP00000174531 Antibody

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### Research Areas

Cell Signaling, Glutamate Receptors, Neuroscience, Neurotransmitter Receptors, NMDA Receptors

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### Cellular Localization

Cell Junction, Cell membrane

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### Accession Number

NP\_036705.3

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### Gene ID

24409

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### Swiss Prot

Q00959

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### Scientific Background

N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. These receptors have been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C) and NMDAR2D (GRIN2D).

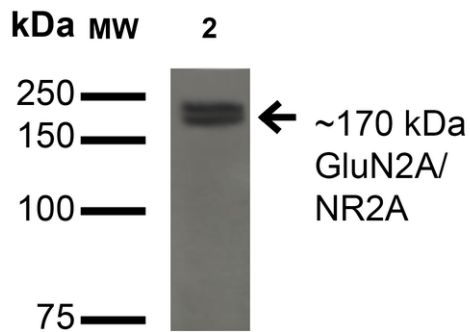
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### References

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## Product Images

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## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.