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Datasheet for ABIN1721533  
**anti-NMDAR3A + 3B antibody**

## Overview

Quantity:	100 µg
Target:	NMDAR3A + 3B (GRIN3A/B)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NMDAR3A + 3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Fusion protein of NR3A aa sequence 780-914 from the extracellular IIIIV loop.
Clone:	K35-40
Isotype:	IgG1
Specificity:	Reacts with human Glutamate NMDA Receptor NR3A/B Subunit. Cross-reacts with mouse and rat protein. Do not cross-react with subunits NR1 or NR2A-D.
Purification:	Purified (protein G)

## Target Details

Target:	NMDAR3A + 3B (GRIN3A/B)
Abstract:	<a href="#">GRIN3A/B Products</a>
Background:	Two new subunits of the NMDA subtype of glutamate receptor (NMDAR) have been identified,

## Target Details

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NR3A and NR3B, with NR3B likely being the final member of the NMDAR family. These subunits show high sequence homology, although different distribution patterns: NR3B is expressed predominately in motor neurons, while NR3A is more widely distributed. When expressed in *Xenopus* oocytes, NR3A or NR3B assemble with NR1 to form excitatory glycine receptors that are unaffected by glutamate.

Glutamate receptor ionotropic, NMDA 3A, GluN3A N-methyl-D-aspartate receptor subtype 3A, NMDAR3A, NR3A NMDAR-L

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Gene ID: 116443

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UniProt: [Q8TCU5](#)

## Application Details

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Application Notes: Working dilution: Optimal dilution should be determined by the end user.  
The following are guidelines only :  
IHC(1 - 10 µg/mL) WB (1 - 10 µg/mL)

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Restrictions: For Research Use only

## Handling

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Buffer: PBS, pH 7.4.

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Handling Advice: Dilute in PBS or medium that is identical to that used in the assay system.

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Storage: -20 °C

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Storage Comment: Stable for at least one year at -20°C. Avoid multiple freeze-thaw cycles.

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Expiry Date: 12 months