

## Product datasheet

# Anti-NR3B antibody ab106808

1 Image

### Overview

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<b>Product name</b>	Anti-NR3B antibody
<b>Description</b>	Goat polyclonal to NR3B
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide: C-EAPPHSGRPGSQ , corresponding to C terminal amino acids 1031-1042 of Human NR3B (NP_619635.1). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human Brain (Cerebellum and Cerebral Cortex) lysates
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab106808 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106808 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 1.5 µg/ml. Detects a band of approximately 110 kDa (predicted molecular weight: 113 kDa). 1 hour primary incubation is recommended for this product.

## Target

### Function

NMDA receptor subtype of glutamate-gated ion channels with reduced single-channel conductance, low calcium permeability and low voltage-dependent sensitivity to magnesium. Mediated by glycine.

### Sequence similarities

Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR3B/GRIN3B subfamily.

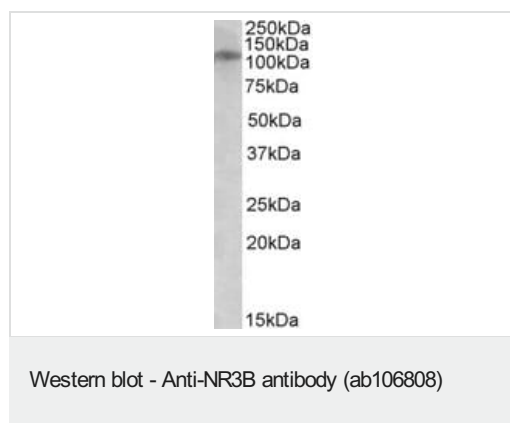
### Cellular localization

Cell membrane. Cell junction > synapse > postsynaptic cell membrane. Requires the presence of GRIN1 to be targeted at the plasma membrane.

### Form

A subunit of the N-methyl-D-aspartate (NMDA) receptor, which belongs to the superfamily of glutamate-regulated ion channels that are present in neurons throughout the central nervous system.

## Images



Anti-NR3B antibody (ab106808) at 0.5 µg/ml + Human cerebellum lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 113 kDa

Primary incubation was 1 hour.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors