

Product datasheet

Anti-GluN2C (phospho S1096) antibody ab106569

1 References 1 Image

Overview

Product name	Anti-GluN2C (phospho S1096) antibody
Description	Rabbit polyclonal to GluN2C (phospho S1096)
Host species	Rabbit
Specificity	Specific for the GluN2C subunit of the NMDA receptor phosphorylated at Ser1096. Immunolabeling is blocked by preadsorption of antibody with the phospho-peptide that was used to generate the antibody but not by the corresponding dephospho-peptide.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Cow, Dog, Human, Non human primates ▲
Immunogen	Synthetic peptide corresponding to Rat GluN2C (C terminal) (phospho S1096). Database link: Q00961
Positive control	Mouse brain lysate
General notes	Previously labelled as NMDAR2C.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.50 Constituents: 0.01% BSA, 50% Glycerol, 0.87% Sodium chloride, 0.238% HEPES
Purity	Immunogen affinity purified
Purification notes	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106569** in the following tested applications.

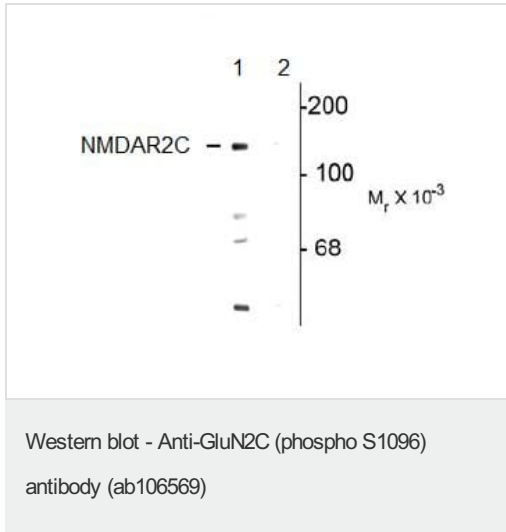
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 135 kDa.

Target

Function	NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.
Tissue specificity	Mainly expressed in brain with predominant expression in the cerebellum, also present in the hippocampus, amygdala, caudate nucleus, corpus callosum, subthalamic nuclei and thalamus. Detected in the heart, skeletal muscle and pancreas.
Sequence similarities	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2C/GRIN2C subfamily.
Cellular localization	Cell membrane. Cell junction, synapse, postsynaptic cell membrane.

Images



All lanes : Anti-GluN2C (phospho S1096) antibody (ab106569) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse brain lysate with immunoreactivity blocked by preadsorption with the phospho-peptide

Predicted band size: 135 kDa

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

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