

Product datasheet

Anti-NMDAR2B (phospho Y1336) antibody ab193286

[1 References](#) [1 Image](#)

Overview

Product name	Anti-NMDAR2B (phospho Y1336) antibody
Description	Rabbit polyclonal to NMDAR2B (phospho Y1336)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human NMDAR2B (phospho Y1336) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. [Peptide sequence around phosphorylation site of Tyrosine1336 (S-P-Y(p)-A-H).] Database link: Q13224
Positive control	Jurkat cell extracts treated with TNF.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine), 49% PBS PBS is without Mg ²⁺ and Ca ²⁺ .
Purity	Immunogen affinity purified
Purification notes	ab193286 was purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab193286 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		1/500 - 1/1000. Predicted molecular weight: 166 kDa.

Target

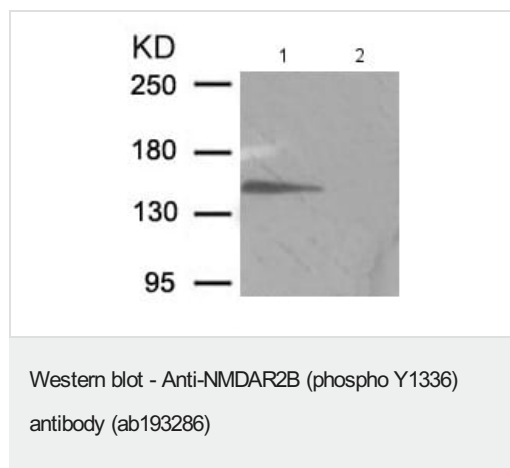
Function NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.

Tissue specificity Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.

Sequence similarities Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.

Cellular localization Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

Images



All lanes : Anti-NMDAR2B (phospho Y1336) antibody (ab193286) at 1/500 dilution

Lane 1 : Jurkat cell extract treated with TNF

Lane 2 : Jurkat cell extract treated with TNF with treated with antigen-specific peptide

Predicted band size: 166 kDa

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