

Anti-NMDAR2B antibody ab73001

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概述

产品名称	Anti-NMDAR2B抗体
描述	兔多克隆抗体to NMDAR2B
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Rat 预测可用于: Mouse, Chicken, Cow, Dog, Human, Non human primates 
免疫原	Synthetic peptide from the N-terminus of rat NMDAR2B.
阳性对照	Rat hippocampal lysate.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.50 Constituents: 0.01% BSA, 50% Glycerol, 0.87% Sodium chloride, 0.238% HEPES
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab73001于以下的经测试应用

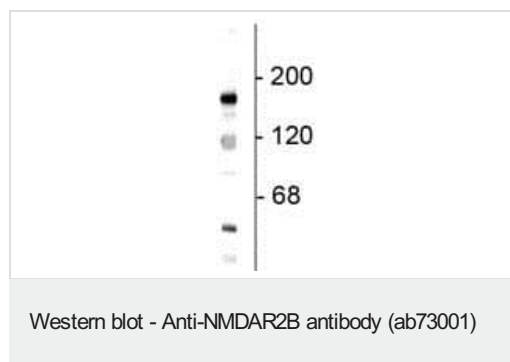
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 180 kDa (predicted molecular weight: 166 kDa).
ICC/IF		1/500.

靶标

功能	NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.
组织特异性	Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.
序列相似性	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.
细胞定位	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

图片

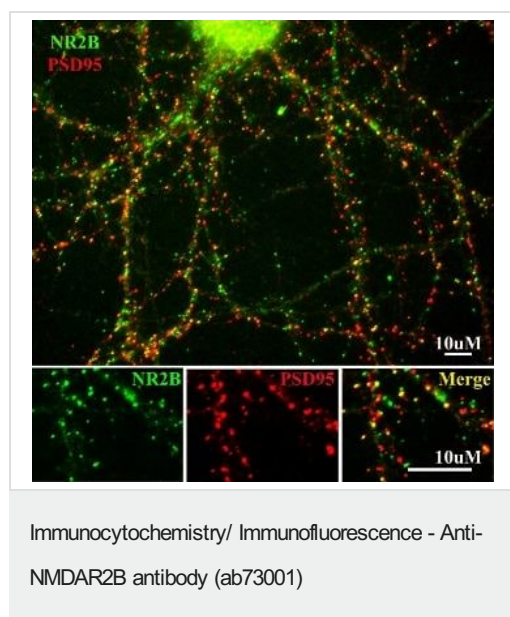


Anti-NMDAR2B antibody (ab73001) at 1/1000 dilution + rat hippocampal lysate at 10 μ g

Predicted band size: 166 kDa

Observed band size: 180 kDa

Additional bands at: <68 kDa, 120 kDa. We are unsure as to the identity of these extra bands.



ab73001 diluted 1/500 staining NMDAR2B on 14DIV cultured rat cortical neurons fixed in methanol at -20°C for 10 minutes. Sections were also labelled with an anti-PSD95 antibody in red.

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