

Product datasheet

Anti-NMDAR2A antibody ab14596

★★★★☆ 2 Abreviews 21 References 1 Image

Overview

Product name	Anti-NMDAR2A antibody
Description	Rabbit polyclonal to NMDAR2A
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Rat, Monkey
Immunogen	Fusion protein (Mouse) (C terminal last 200 amino acids).
Positive control	WB: Whole cell lysate of synaptosomes of rat hippocampus.

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.184% Tris glycine, 0.87% Sodium chloride
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab14596** in the following tested applications.

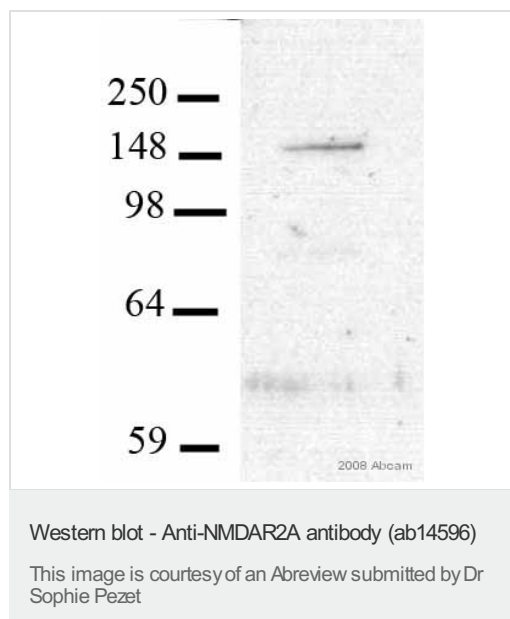
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 170 kDa.
IP		Use at an assay dependent dilution.

Target

Function	NMDA receptor subtype of glutamate-gated ion channels possesses high calcium permeability and voltage-dependent sensitivity to magnesium. Activation requires binding of agonist to both types of subunits.
Sequence similarities	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family, NR2A/GRIN2A subfamily.
Cellular localization	Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

Images



Anti-NMDAR2A antibody (ab14596) at 1/1000 dilution + whole cell lysate of synaptosomes of rat hippocampus at 15 µg

Secondary

HRP-conjugated goat anti-rabbit antibody at 1/10000 dilution

Developed using the ECL technique.

Observed band size: 160 kDa

[why is the actual band size different from the predicted?](#)

Exposure time: 1 minute

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