


Product datasheet

Anti-NMDAR2B (phospho Y1336) antibody ab215439

3 Images

Overview

Product name	Anti-NMDAR2B (phospho Y1336) antibody
Description	Rabbit polyclonal to NMDAR2B (phospho Y1336)
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Human 
Immunogen	Synthetic peptide within Human NMDAR2B aa 1310-1360 (phospho Y1336) conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary. Database link: Q13224
Positive control	IHC-P: Rat brain tissue.

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	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, 1% BSA Aqueous buffered solution
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab215439** in the following tested applications.

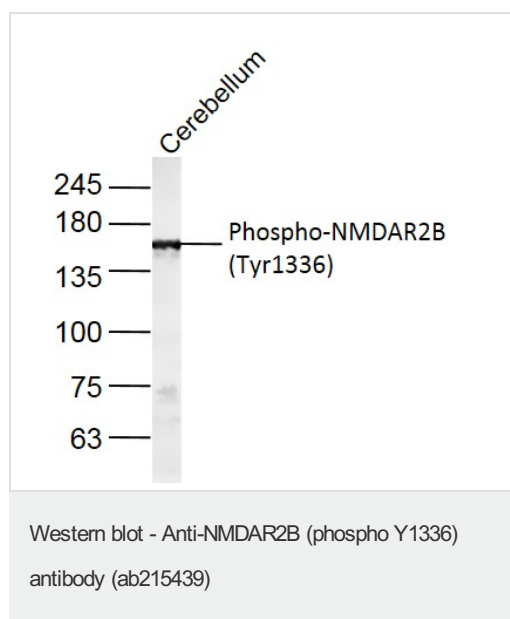
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.
WB		1/300.

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.

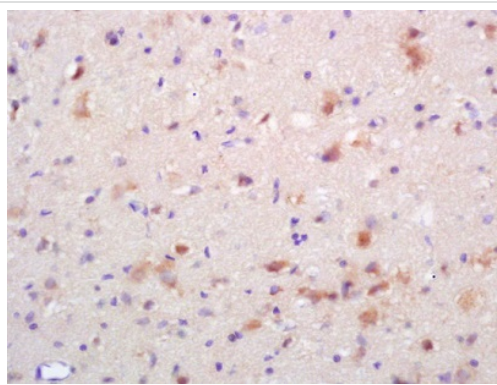
Images



Anti-NMDAR2B (phospho Y1336) antibody (ab215439) at 1/300 dilution + mouse cerebrum lysates

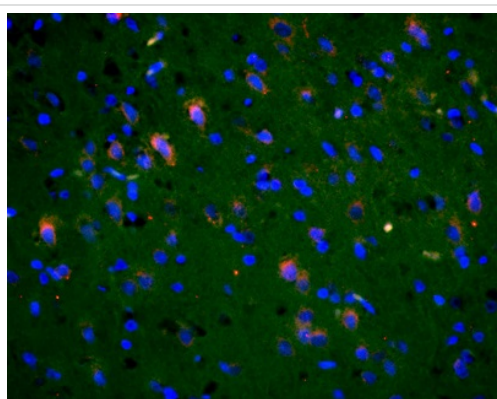
Secondary

Conjugated secondary antibody at 1/20000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NMDAR2B (phospho Y1336) antibody (ab215439)

Formalin-fixed, paraffin-embedded rat brain tissue stained for NMDAR2B (phospho Y1336) using ab215439 at 1/200 dilution in immunohistochemical analysis. Detection: DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NMDAR2B (phospho Y1336) antibody (ab215439)

Formalin-fixed, paraffin-embedded rat brain tissue stained for NMDAR2B (phospho Y1336) using ab215439 at 1/200 dilution in immunohistochemical analysis. The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1/200 dilution for 40 minutes at 37°C.

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

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