

Datasheet for ABIN1742246
anti-NMDA 1 Receptor antibody (AA 35-53)[Go to Product page](#)

1 Image

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Overview

Quantity:	50 µg
Target:	NMDA 1 Receptor (NMDA R1)
Binding Specificity:	AA 35-53
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide (aa 35-53 of rat GluN 1) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for GluN 1.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	NMDA 1 Receptor (NMDA R1)
Alternative Name:	NMDA-Receptor 1 (NMDA R1 Products)

Application Details

Application Notes:	WB: 1 : 1000 (AP staining) ICC: not recommended
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Application Details

	IHC: not recommended
Comment:	IP: For most effective IP use the solubilization protocol described in the ELISA protocol. Consider that protein-protein interaction may be affected. IHC: Antibody 2, ABIN1742247, is recommended for IHC. ELISA: Suitable as detector antibody for sandwich-ELISA as capture antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Publications

Product cited in:	Atkinson, Floerchinger, Qiao, Casey, Williamson, Moseley, Stoica, Goddard, Ge, Tullius, Tomlinson: "Donor brain death exacerbates complement-dependent ischemia/reperfusion injury in transplanted hearts." in: Circulation , Vol. 127, Issue 12, pp. 1290-9, (2013) (PubMed).
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Western Blotting

Image 1. dilution: 1 : 1000, sample: synaptic membrane fraction of rat brain (LP1)