



NMDA Receptor Antibody

CATALOG NUMBER: 45-970



Western Blot (2ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 170kDa band observed in Rat Brain lysates (calculated MW of 166kDa according to NP_000825.1). Recommended concentration: 2-4ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1463 - Rat Brain Tissue Lysate
IMMUNOGEN:	NMDA Receptor antibody was raised against a 13 amino acid synthetic peptide near the internal region of NMDA Receptor.
HOST SPECIES:	Goat

Properties

PURIFICATION:	NMDA Receptor antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	NMDA Receptor antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GRIN2B, glutamate receptor, ionotropic, N-methyl D-aspartate 2B, HGNC:4586, NMDAR2B, NR2B, hNR3, N-methyl-D-aspartate receptor subunit 2B
ACCESSION NO.:	NP_000825.1
PROTEIN GI NO.:	4504127
OFFICIAL SYMBOL:	GRIN2B

GENE ID: 2904

Background

REFERENCES: 1) Arning L, Kraus PH, Valentin S, Saft C, Andrich J, Epplen JT. NR2A and NR2B receptor gene variations modify age at onset in Huntington disease. Neurogenetics. 2005 Feb;6(1):25-8. Epub 2004 Nov 17.

FOR RESEARCH USE ONLY

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