

Goat anti-NMDAR2B / GRIN2B Antibody

Item Number	dAP-0876
Target Molecule	Principle Name: NMDAR2B / GRIN2B; Official Symbol: GRIN2B; All Names and Symbols: GRIN2B; NMDAR2B; glutamate receptor, ionotropic, N-methyl D-aspartate 2B; HGNC:4586; NR2B; hNR3 ; N-methyl-D-aspartate receptor subunit 2B; Accession Number (s): NP_000825.1; Human Gene ID(s): 2904; Non-Human GeneID(s): 14812 (mouse) 24410 (rat)
Immunogen	KDAHEKDDFHLS, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 170kDa band observed in Rat Brain lysates (calculated MW of 166kDa according to NP_000825.1). Recommended concentration: 2-4µg/ml.
IHC	
Reference	Reference(s): 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. .PMID: 15742215 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**