

Goat anti-GRIN3B Antibody

Item Number	dAP-2149
Target Molecule	Principle Name: GRIN3B; Official Symbol: GRIN3B; All Names and Symbols: GRIN3B; glutamate receptor, ionotropic, N-methyl-D-aspartate 3B; NR3B; NMDA receptor subunit 3B; NMDA type glutamate receptor subunit NR3B; Accession Number (s): NP_619635.1; Human Gene ID(s): 116444; Non-Human GeneID(s):
Immunogen	EAPPHSGRPGSQ, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
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 8000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 113kDa according to NP_619635.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Need AC, Keefe RS, Ge D, Grossman I, Dickson S, McEvoy JP, Goldstein DB, Pharmacogenetics of antipsychotic response in the CATIE trial: a candidate gene analysis. European journal of human genetics : EJHG 2009 Jul 17 (7): 946-57.. PMID: 19156168->

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 end users! This product is sold for **Research Use Only**