

Goat anti-GRIN2D Antibody

Item Number	dAP-1368
Target Molecule	Principle Name: GRIN2D; Official Symbol: GRIN2D ; All Names and Symbols: GRIN2D; glutamate receptor, ionotropic, N-methyl D-aspartate 2D; EB11; NMDAR2D; N-methyl-D-aspartate receptor subunit 2D; estrogen receptor binding CpG island; Accession Number (s): NP_000827.2; Human Gene ID(s): 2906; Non-Human GeneID(s): 14814 (mouse) 24412 (rat)
Immunogen	TRRSAHFSSLESE, is from C Terminus
Applications	Pep ELISA Species Tested:
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 80kDa band in Human Brain (Cerebellum) and in Mouse Brain and Rat Brain lysates after 0.02µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band
IHC	
Reference	Reference(s): Clarke RJ, Johnson JW. NMDA receptor NR2 subunit dependence of the slow component of magnesium unblock. J Neurosci. 2006 May 24;26(21):5825-34..PMID: 16723541 ->

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**