

Goat anti-GRIK3 / GLUR7 Antibody

Item Number	dAP-1502
Target Molecule	Principle Name: GRIK3 / GLUR7; Official Symbol: GRIK3; All Names and Symbols: GRIK3; GLUR7; glutamate receptor, ionotropic, kainate 3; EAA5; GLR7; GluR7a; dJ1090M5.1 (glutamate receptor, ionotropic, kainate 3 (GLUR7)); excitatory amino acid receptor 5; glutamate receptor 7; Accession Number (s): NP_000822.2; Human Gene ID(s): 2899; Non-Human GeneID(s): 14807 (mouse) 298521 (rat)
Immunogen	KIRQLPIDSDDSRP, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat, Mouse
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 64000.
Western Blot	Western Blot: Approx. 110kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 104kDa according to Human NP_000822.2, and to Rat NP_001106187.1). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also c
IHC	
Reference	Reference(s): Puranam RS, Eubanks JH, Heinemann SF, McNamara JO. Chromosomal localization of gene for human glutamate receptor subunit-7. <i>Somat Cell Mol Genet</i> . 1993 Nov;19(6):581-8. PMID: 8128318->

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**