



## Goat anti-GRIK5 / KA2 Antibody

<b>Item Number</b>	dAP-1739
<b>Target Molecule</b>	Principle Name: GRIK5 / KA2; Official Symbol: GRIK5; All Names and Symbols: GRIK5; glutamate receptor, ionotropic, kainate 5; EAA2; GRIK2; KA2; excitatory amino acid receptor 2; glutamate receptor KA2; Accession Number (s): NP_002079.3; Human Gene ID(s): 2901; Non-Human GeneID(s): 24407 (rat)
<b>Immunogen</b>	GPAGPRELAEHE, is from C Terminus
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx. 26kDa band in Human Brain (Frontal Cortex and Hippocampus) lysates after 1µg/ml antibody staining. Please note that currently we can not find an explanation in the literature for the band we observe g
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
<b>Reference</b>	Reference(s): Fotheringham J, Williams EL, Akhyani N, Jacobson S. Human herpesvirus 6 (HHV-6) induces dysregulation of glutamate uptake and transporter expression in astrocytes. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology 2008 Jun 3 (2): 105-

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**