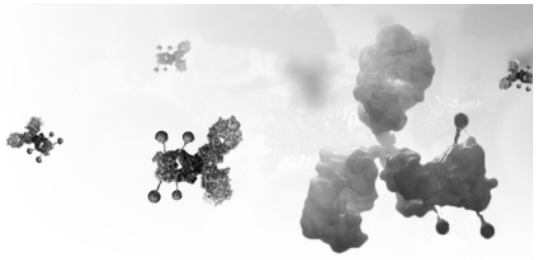

Anti-GRIK4 (aa 21-130) polyclonal antibody (DPAB-DC1463)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	GRIK4 (NP_055434, 21 a.a. ~ 130 a.a) partial recombinant protein with GST tag. The sequence is SPHSLRIAAILDDPMECSRGERLSITLAKNRINRAPERLGKAKVEVDIFELLRDSEYETA ETMCQILPKGVVAVLGPSSSPASSSIISNICGEKEVPHFKVAPEEFVKFQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	GRIK4 glutamate receptor, ionotropic, kainate 4 [Homo sapiens (human)]
Official Symbol	GRIK4
Synonyms	GRIK4; glutamate receptor, ionotropic, kainate 4; KA1; EAA1; GRIK; GluK4; glutamate receptor ionotropic, kainate 4; glutamate receptor KA1; glutamate receptor KA-1; excitatory amino acid receptor 1;
Entrez Gene ID	2900
Protein Refseq	NP_001269399
UniProt ID	B2RAP6
Chromosome Location	11q22.3
Pathway	Activation of Ca-permeable Kainate Receptor; Glutamatergic synapse; Neuroactive ligand-receptor interaction; Neurotransmitter Receptor Binding And Downstream Transmission In The Postsynaptic Cell.
Function	extracellular-glutamate-gated ion channel activity; kainate selective glutamate receptor activity;

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