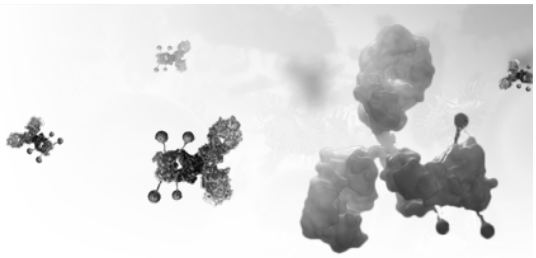

Human GRIK4 blocking peptide (CDBP1433)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-Grik4 antibody
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. [provided by RefSeq, Sep 2013]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	GRIK4 glutamate receptor, ionotropic, kainate 4 [Homo sapiens (human)]

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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
mRNA Refseq	NM_001282470.1
Protein Refseq	NP_001269399.1
UniProt ID	B2RAP6
Chromosome Location	11q22.3
Pathway	Activation of Ca-permeable Kainate Receptor, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; Ionotropic activity of Kainate Receptors, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Neuronal System, organism-specific biosyst
Function	extracellular-glutamate-gated ion channel activity; kainate selective glutamate receptor activity;

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