



Anti-GRIK1 polyclonal antibody (CPBT-66720SH)

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

PRODUCT INFORMATION

Product Overview	This product recognizes the human glutamate receptor 5 (GluR5), an ionotropic receptor that mediates excitatory neurotransmission. Western Blotting detects a band at approximately 125kDa in human brain lysate under reducing conditions.
Specificity	GRIK1
Immunogen	Synthetic peptide, TCHQRRRTQRKETVA, conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human, Dog, Mouse, Rabbit, Rat, Rhesus monkey
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	GRIK1 glutamate receptor, ionotropic, kainate 1 [Homo sapiens (human)]
Official Symbol	GRIK1
Synonyms	GRIK1; glutamate receptor, ionotropic, kainate 1; EAA3; EEA3; GLR5; GLUR5; GluK1; glutamate receptor ionotropic, kainate 1; gluR-5; glutamate receptor 5; excitatory amino acid receptor 3;
Entrez Gene ID	2897
Protein Refseq	NP_000821
UniProt ID	P39086
Chromosome Location	21q22.11
Pathway	Activation of Ca-permeable Kainate Receptor; Activation of Kainate Receptors upon glutamate binding; Activation of Na-permeable Kainate Receptors; Glutamatergic synapse; Ionotropic activity of Kainate Receptors; Neuroactive ligand-receptor interaction; Neuronal System; Neurotransmitter Receptor Binding And Downstream Transmission In The Postsynaptic Cell;
Function	extracellular-glutamate-gated ion channel activity; kainate selective glutamate receptor activity;