

Datasheet

GRIK5 polyclonal antibody

Catalog Number: PAB13016

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of GRIK5.

Immunogen: A synthetic peptide corresponding to C-terminus 17 amino acids of human GRIK5.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: IHC-P, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (1-2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2901

Gene Symbol: GRIK5

Gene Alias: EAA2, GRIK2, KA2

Gene Summary: 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. [provided by RefSeq]

References:

1. Kainate receptors. Pinheiro P, Mulle C. Cell Tissue Res. 2006 Nov;326(2):457-82. Epub 2006 Jul 18.
2. Identification of an endoplasmic reticulum-retention motif in an intracellular loop of the kainate receptor subunit KA2. Nasu-Nishimura Y, Hurtado D, Braud S, Tang TT, Isaac JT, Roche KW. J Neurosci. 2006 Jun 28;26(26):7014-21.
3. The KA-2 subunit of excitatory amino acid receptors shows widespread expression in brain and forms ion channels with distantly related subunits. Herb A, Burnashev N, Werner P, Sakmann B, Wisden W, Seeburg PH. Neuron. 1992 Apr;8(4):775-85.